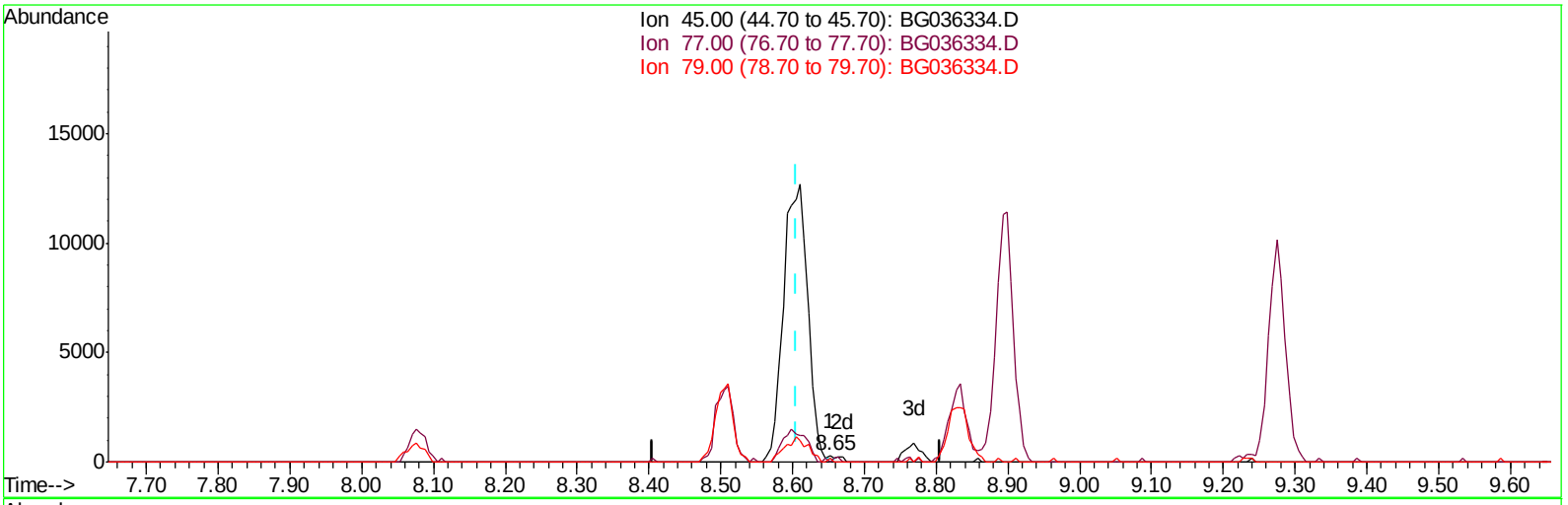
Quantitation Report (Qedit)

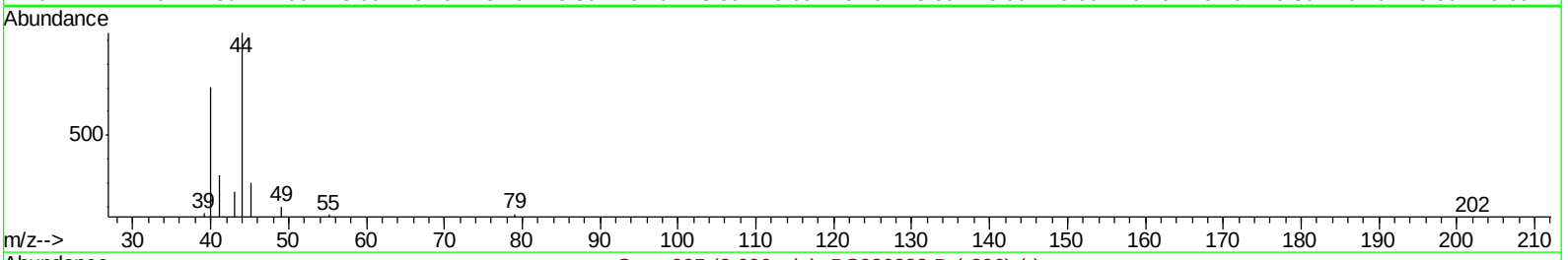
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

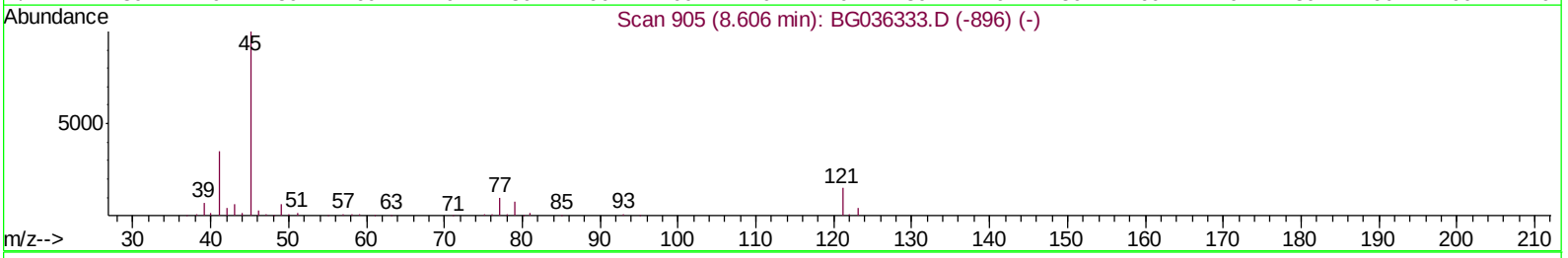
Quant Time: Aug 22 10:27:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM







TIC: BG036334.D

(12) 2,2'-oxybis(1-Chloropropane)

8.652min (+0.046) 0.01ng/ul

response 75

Ion	Exp%	Act%
45.00	100	100
77.00	15.60	0.00#
79.00	11.80	57.05#
0.00	0.00	0.00

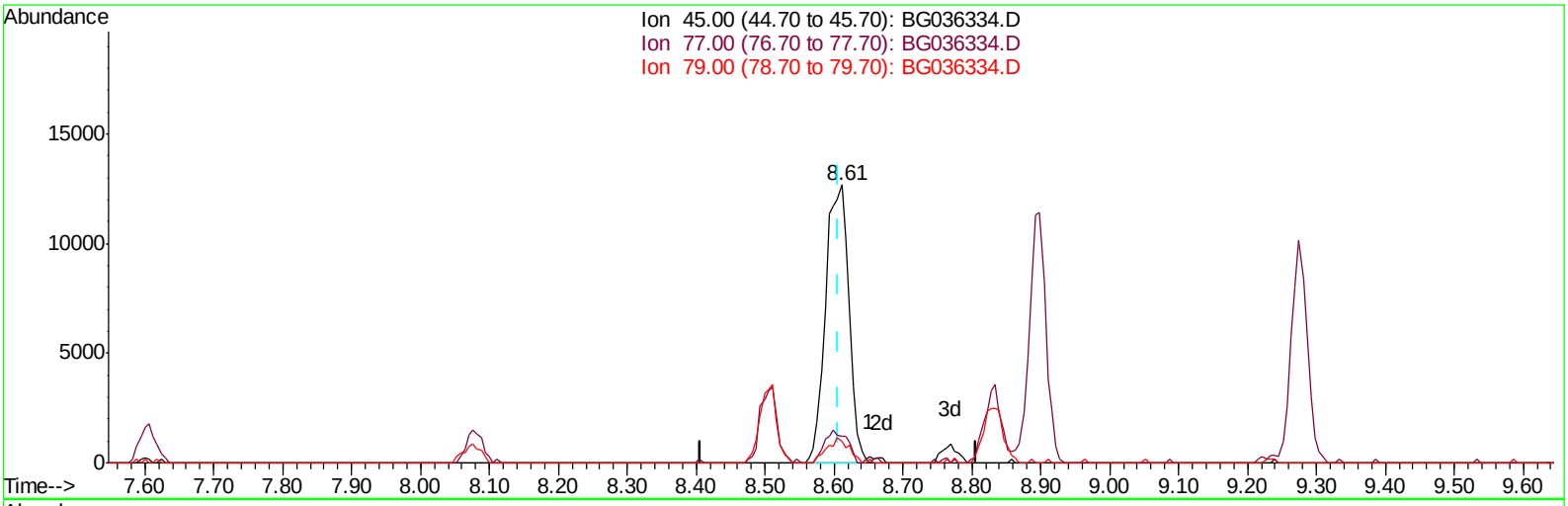
Quantitation Report (Qedit)

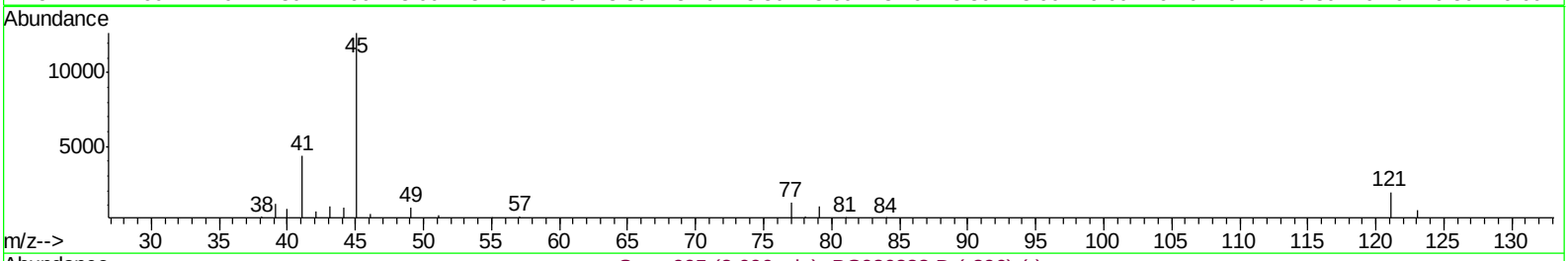
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

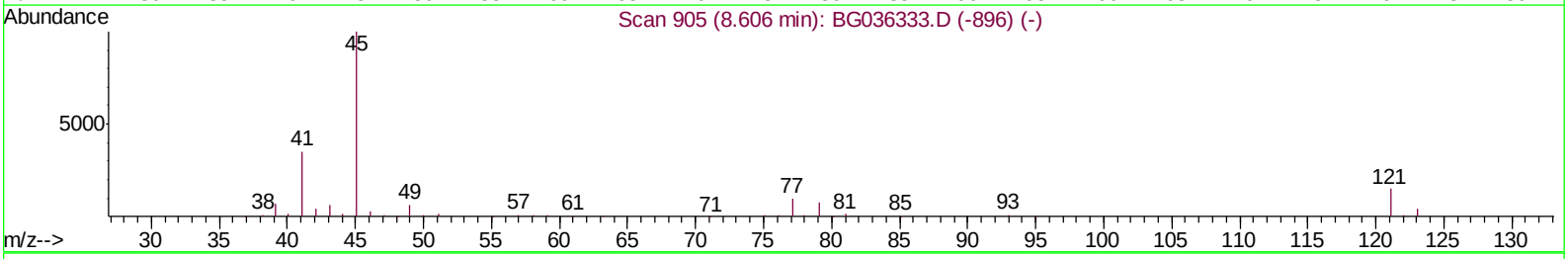
Quant Time: Aug 22 10:27:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM







TIC: BG036334.D

(12) 2,2'-oxybis(1-Chloropropane)

8.611min (+0.004) 3.87ng/ul m

response 29731

Ion	Exp%	Act%
45.00	100	100
77.00	15.60	9.61#
79.00	11.80	7.77#
0.00	0.00	0.00

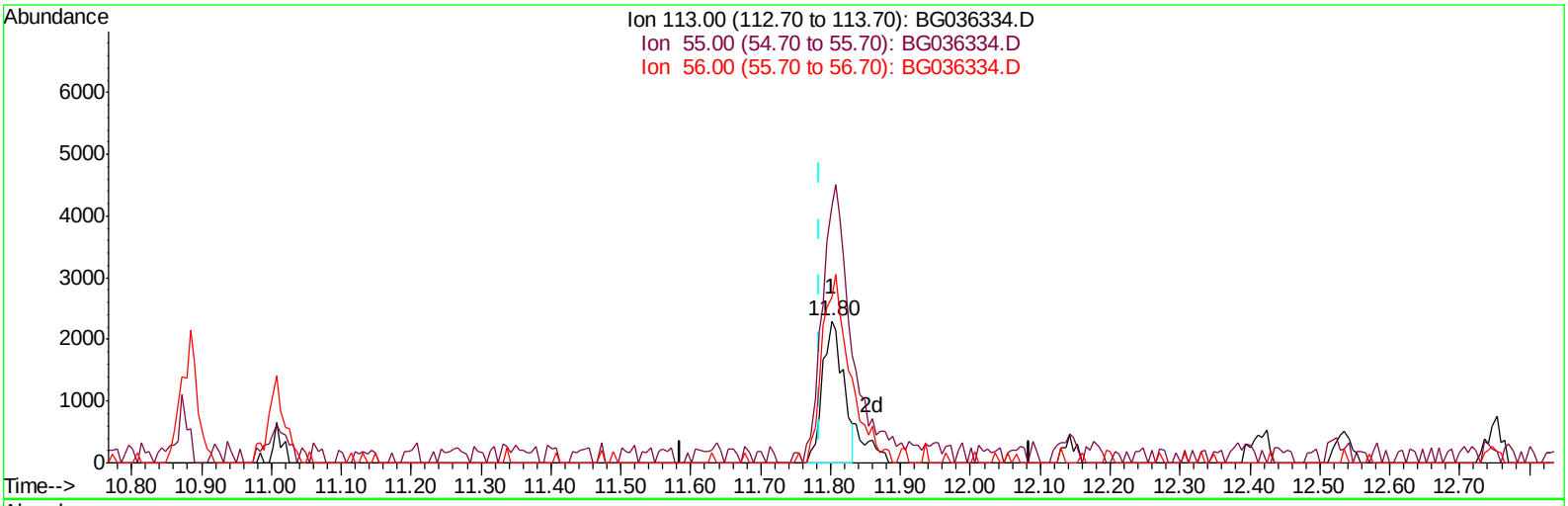
Quantitation Report (Qedit)

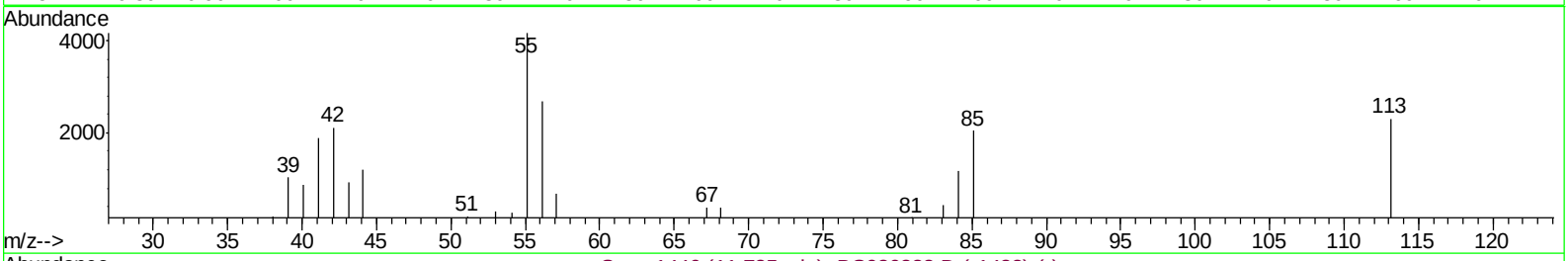
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

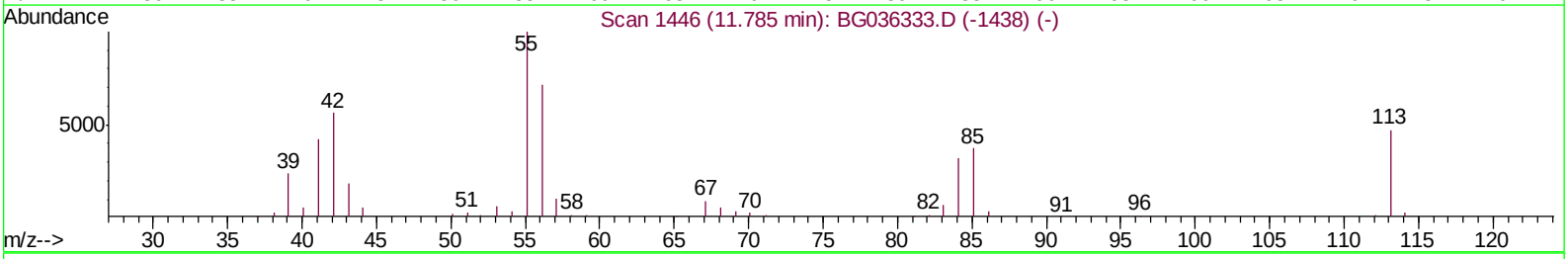
Quant Time: Aug 22 10:27:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM







TIC: BG036334.D

(32) Caprolactam

11.801min (+0.016) 3.35ng/ul

response 4765

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	180.96
56.00	115.90	116.91
0.00	0.00	0.00

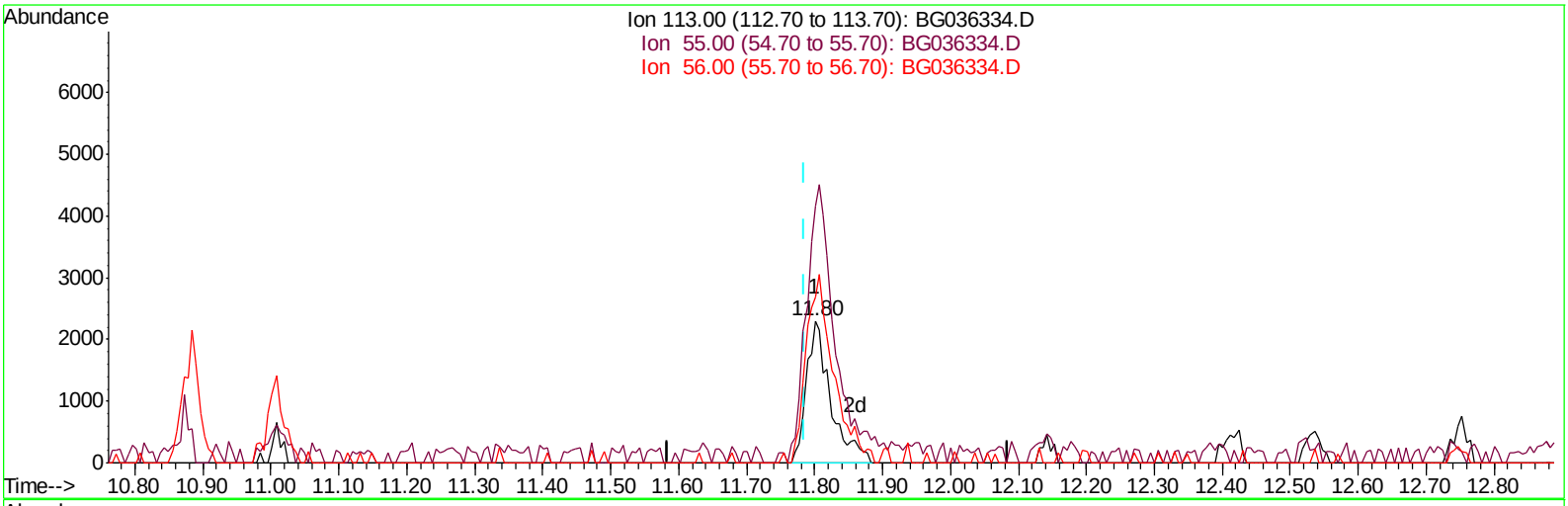
Quantitation Report (Qedit)

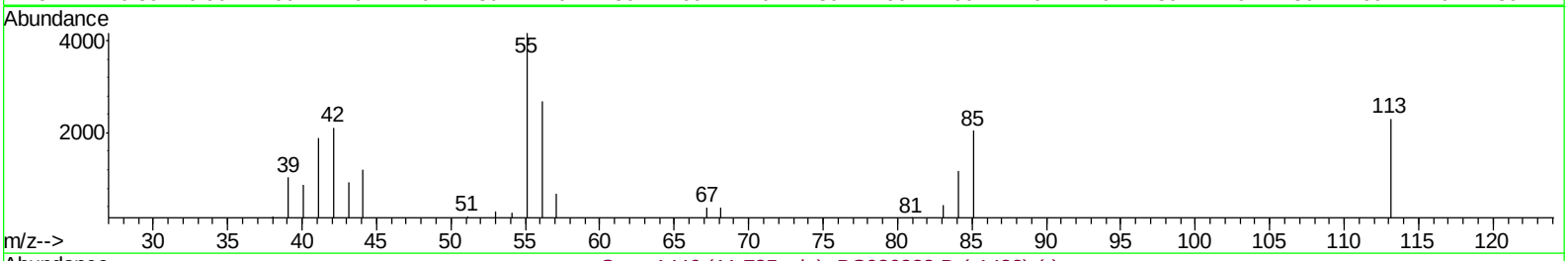
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

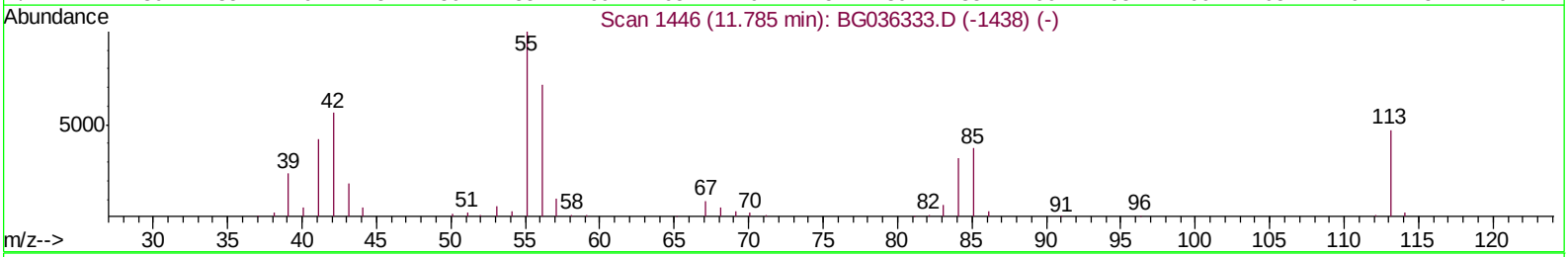
Quant Time: Aug 22 10:27:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM







TIC: BG036334.D

(32) Caprolactam

11.801min (+0.016) 4.00ng/ul m

response 5682

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	180.96
56.00	115.90	116.91
0.00	0.00	0.00

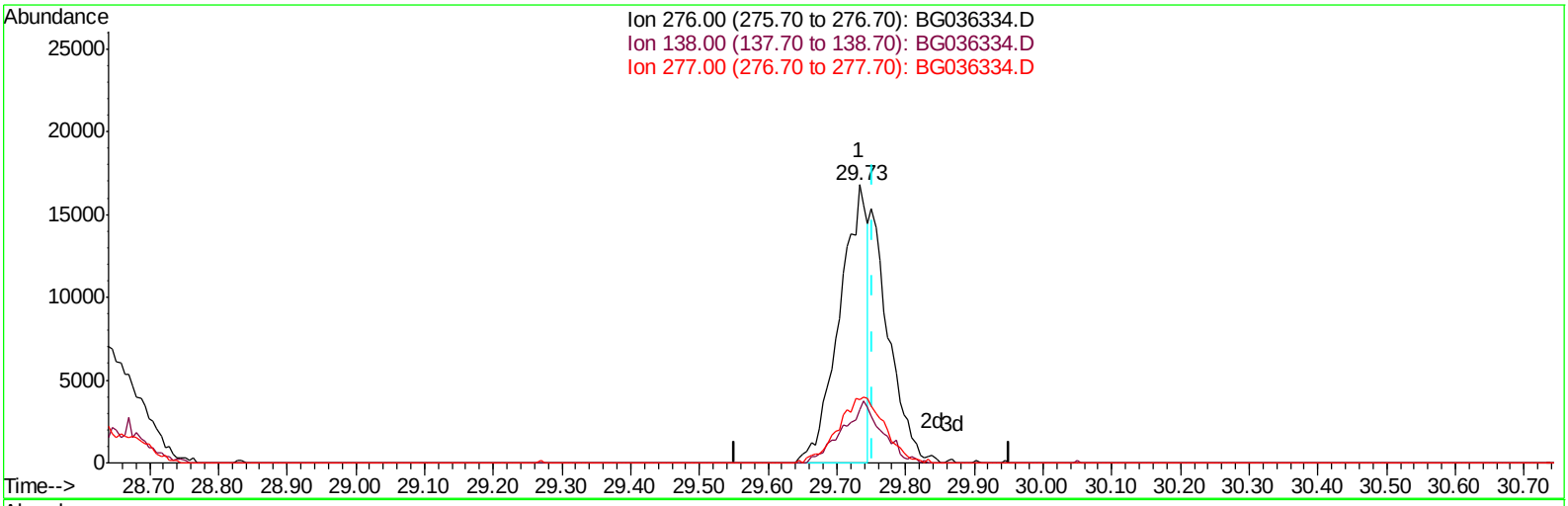
Quantitation Report (Qedit)

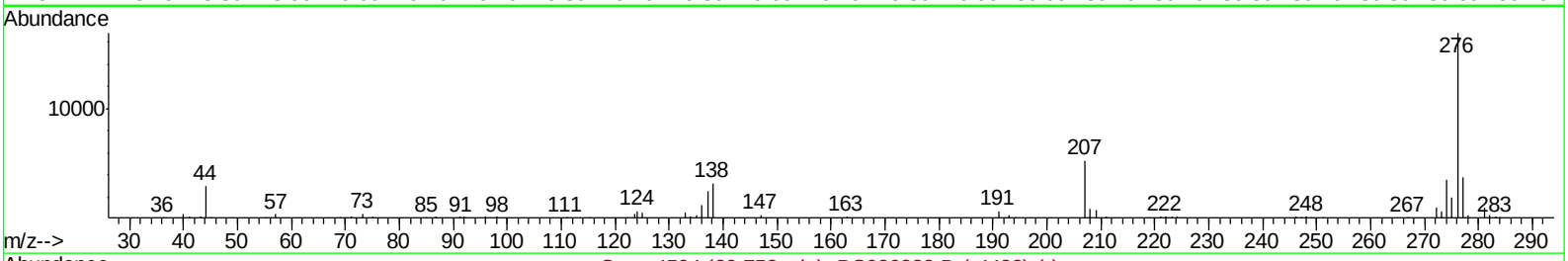
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

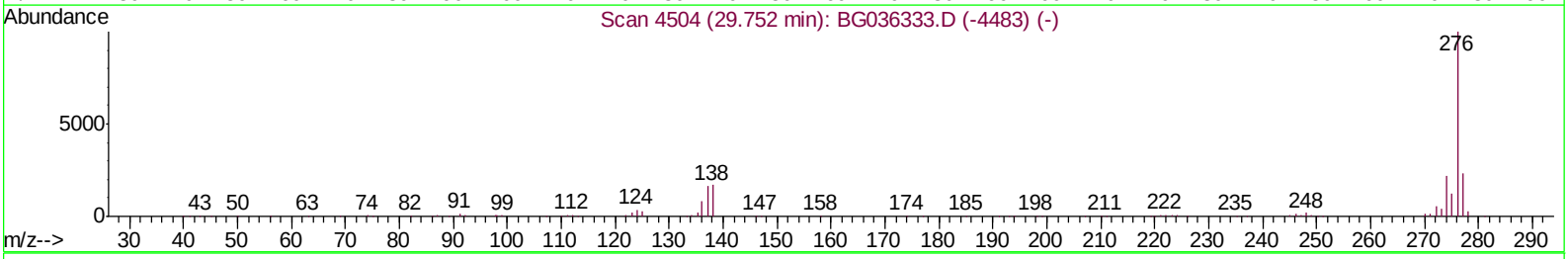
Quant Time: Aug 22 10:27:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM







TIC: BG036334.D

(94) Benzo(g,h,i)perylene

29.733min (-0.019) 2.37ng/ul

response 47496

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	19.27#
277.00	23.80	22.88
0.00	0.00	0.00

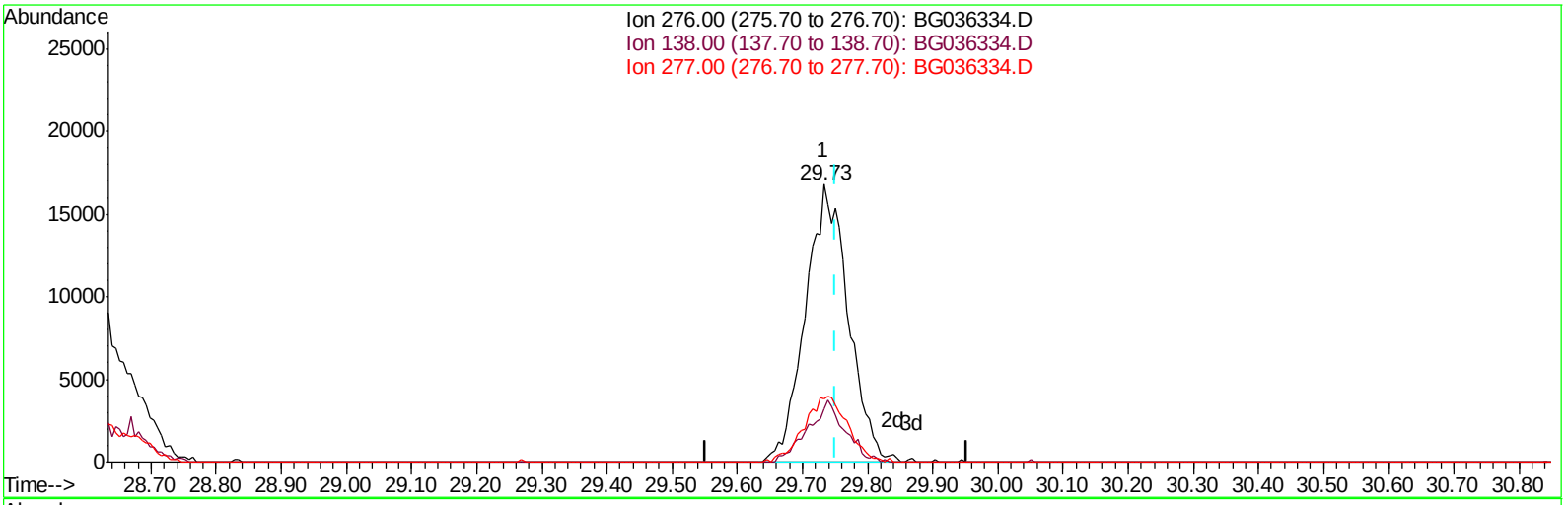
Quantitation Report (Qedit)

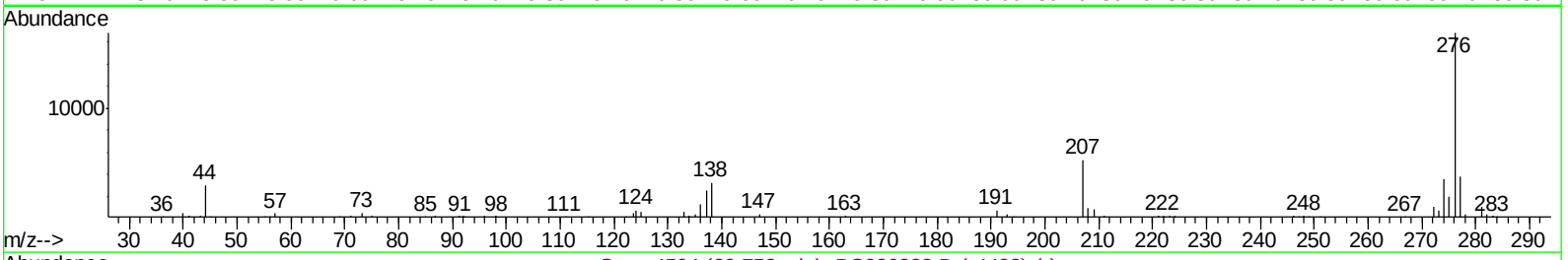
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

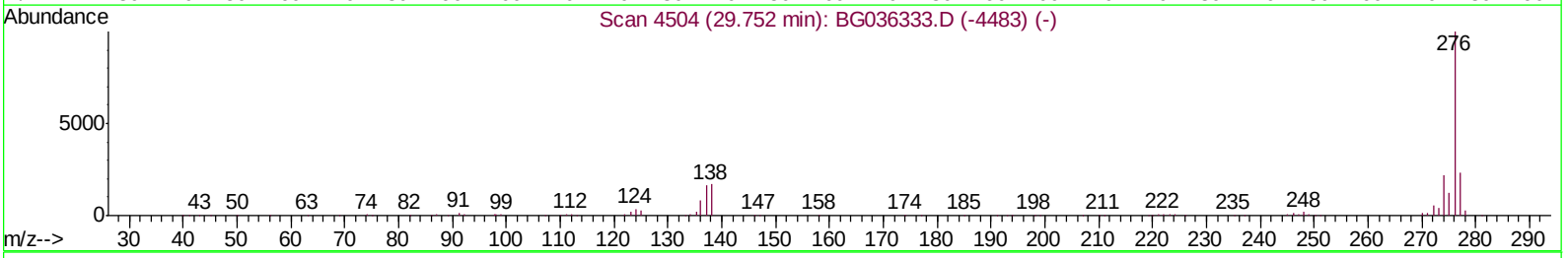
Quant Time: Aug 22 10:27:44 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM







TIC: BG036334.D

(94) Benzo(g,h,i)perylene

29.733min (-0.019) 3.86ng/ul m

response 77377

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	19.27#
277.00	23.80	22.88
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM

Quant Time: Aug 22 10:32:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	50539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	220535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	138385	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	348903	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	375337	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	364728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	7620	5.62	ng/uL	0.00
5) Phenol-d5	7.22	99	151069	32.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	105792	32.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	109711	32.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	123821	34.50	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	53222	39.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	52929	39.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	115269	31.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	160463	40.04	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	391702	33.85	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	469707	33.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	61662	36.03	ng/ul	0.00
58) Fluorene-d10	15.69	176	329942	32.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	39705	31.42	ng/ul	0.00
71) Anthracene-d10	17.54	188	536580	32.96	ng/ul	0.00
79) Pyrene-d10	19.82	212	623321	32.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	598894	30.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	2182	1.524	ng/uL#	16
4) Benzaldehyde	7.22	77	7003	2.222	ng/ul#	82
6) Phenol	7.25	94	18567	3.951	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.49	93	14819	4.247	ng/ul#	83
10) 2-Chlorophenol	7.64	128	13179	3.881	ng/ul#	88
11) 2-Methylphenol	8.50	108	13703	3.827	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.61	45	29731m	3.870	ng/ul	
14) Acetophenone	8.89	105	22865	4.156	ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.88	70	12616	3.806	ng/ul#	77
16) 4-Methylphenol	8.83	108	14233	3.800	ng/ul	91
17) Hexachloroethane	9.17	117	5734	4.238	ng/ul	85
20) Nitrobenzene	9.27	77	16376	4.290	ng/ul	96
21) Isophorone	9.80	82	35859	3.870	ng/ul#	96
23) 2-Nitrophenol	9.99	139	6670	4.655	ng/ul#	93
24) 2,4-Dimethylphenol	10.04	107	16102	3.680	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	19764	3.945	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	13528	3.941	ng/ul#	84
28) Naphthalene	10.93	128	45096	3.990	ng/ul#	93
30) 4-Chloroaniline	11.03	127	15132	3.875	ng/ul	91
31) Hexachlorobutadiene	11.22	225	9593	3.915	ng/ul	96
32) Caprolactam	11.80	113	5682m	4.000	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	15111	3.747	ng/ul	94
34) 2-Methylnaphthalene	12.54	142	34308	4.067	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 10:32:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	33143	4.028	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	18710	3.969	ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	10566	3.746	ng/ul	99
39) 2,4,6-Trichlorophenol	13.13	196	10042	3.449	ng/ul	92
40) 2,4,5-Trichlorophenol	13.19	196	12128	4.019	ng/ul	91
41) 1,1'-Biphenyl	13.53	154	43284	3.996	ng/ul#	96
42) 2-Chloronaphthalene	13.58	162	35549	4.278	ng/ul	98
43) 2-Nitroaniline	13.77	65	9108	4.189	ng/ul#	85
45) Dimethylphthalate	14.15	163	45488	4.097	ng/ul	98
46) 2,6-Dinitrotoluene	14.27	165	6593	4.249	ng/ul	96
48) Acenaphthylene	14.42	152	51794	3.938	ng/ul#	94
49) 3-Nitroaniline	14.59	138	6448	3.988	ng/ul#	92
50) Acenaphthene	14.76	153	37074	3.937	ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	2579	3.268	ng/ul#	88
53) 4-Nitrophenol	14.88	109	6163	3.880	ng/ul#	70
54) Dibenzofuran	15.10	168	54874	4.210	ng/ul	98
55) 2,4-Dinitrotoluene	15.04	165	8239	3.839	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.31	232	9852	3.486	ng/ul#	84
57) Diethylphthalate	15.51	149	46075	4.089	ng/ul	97
59) Fluorene	15.74	166	42286	4.024	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.74	204	23067	4.029	ng/ul	93
61) 4-Nitroaniline	15.74	138	5900	2.880	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.80	198	5012	3.840	ng/ul#	64
65) N-Nitrosodiphenylamine	15.95	169	37833	3.871	ng/ul	97
66) 4-Bromophenyl-phenylether	16.63	248	15197	3.938	ng/ul	99
67) Hexachlorobenzene	16.75	284	15511	4.027	ng/ul#	95
68) Atrazine	16.90	200	15422	3.825	ng/ul	98
69) Pentachlorophenol	17.08	266	7900	3.383	ng/ul	90
70) Phenanthrene	17.48	178	73762	4.068	ng/ul	96
72) Anthracene	17.58	178	74175	4.065	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	20191	3.787	ng/uL	98
74) Pentachlorobenzene	15.01	250	18280	3.939	ng/uL	94
75) Carbazole	17.84	167	66587	4.341	ng/ul	98
76) Di-n-butylphthalate	18.41	149	79741	3.979	ng/ul	97
77) Fluoranthene	19.49	202	90484	4.304	ng/ul#	93
80) Pyrene	19.85	202	89210	3.923	ng/ul#	93
81) Butylbenzylphthalate	20.74	149	33885	3.660	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.61	252	24998	3.233	ng/ul	92
83) Benzo(a)anthracene	21.69	228	92660	3.907	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	49619	3.760	ng/ul	97
85) Chrysene	21.75	228	85074	3.911	ng/ul	97
87) Di-n-octyl phthalate	22.85	149	80904	3.947	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	84838	3.928	ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	81457	3.912	ng/ul	97
91) Benzo(a)pyrene	24.79	252	79408	3.886	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.59	276	94459	3.882	ng/ul	98
93) Dibenzo(a,h)anthracene	28.68	278	75132	3.808	ng/ul	97
94) Benzo(g,h,i)perylene	29.73	276	77377m	3.856	ng/ul	

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM

Quant Time: Aug 22 10:32:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082218\
Data File : BG036334.D
Acq On : 22 Aug 2018 9:27
Operator : JU/SJ
Sample : MDL-W-01
Misc : 1PPM/4PPM
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 22 10:32:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 22 10:22:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
8/23/2018 10:58:39 AM