Quantitation Report (Qedit)

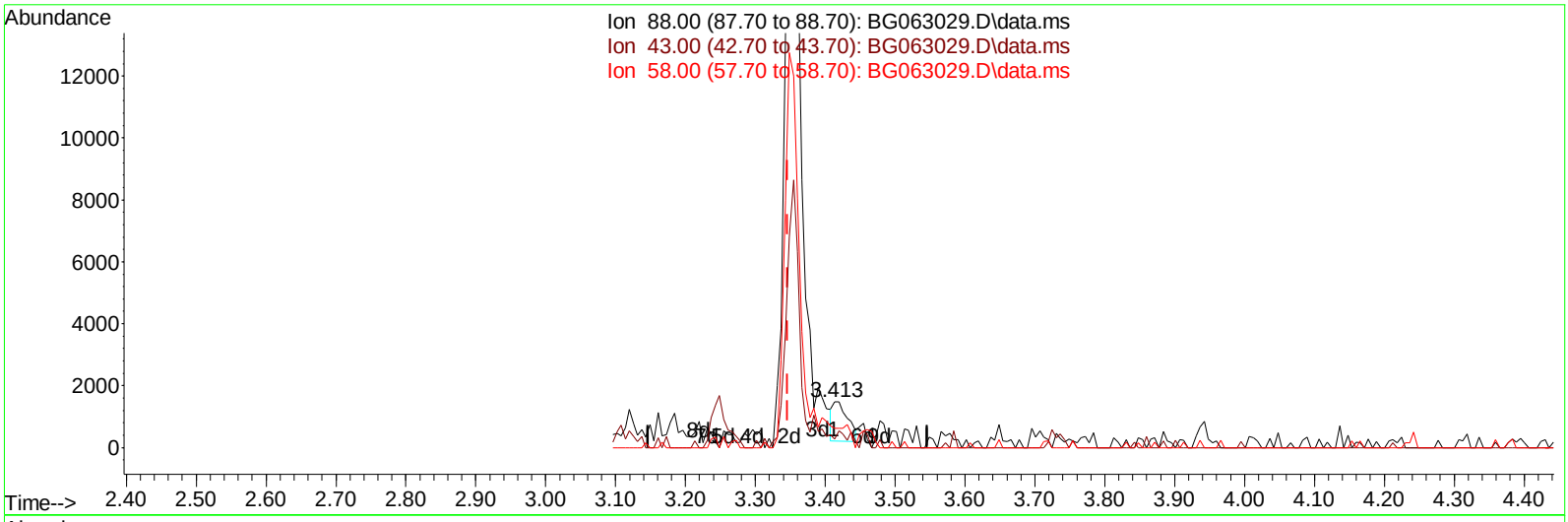
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063029.D
Acq On : 25 Sep 2024 11:58
Operator : RC/JU
Sample : SSTD08068
Misc :
ALS Vial : 6 Sample Multiplier: 1

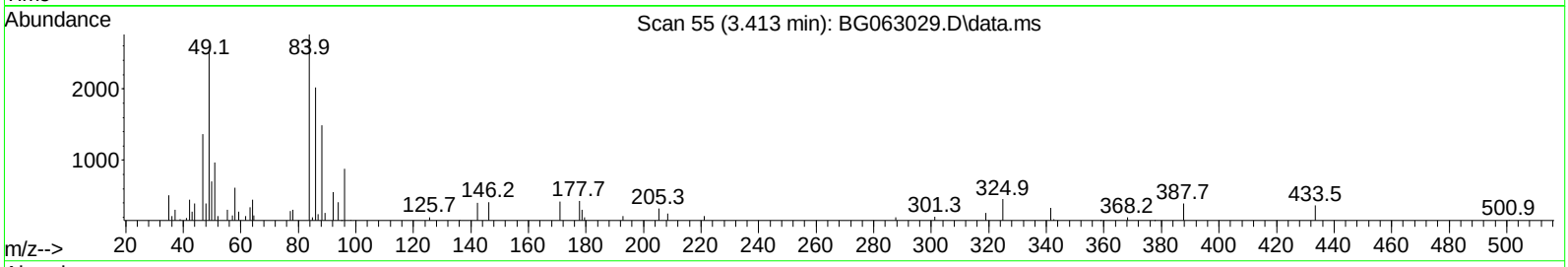
Quant Time: Sep 25 12:58:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

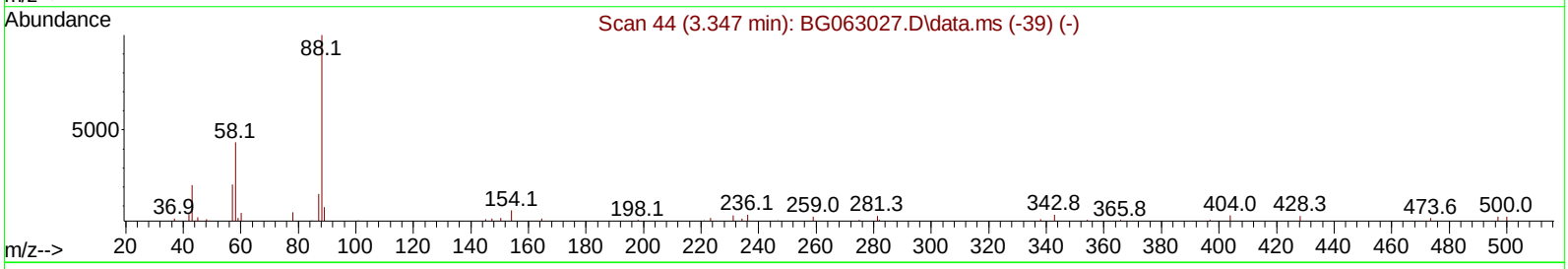
Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024







TIC: BG063029.D\data.ms

(2) 1,4-Dioxane

3.413min (+ 0.067) 0.90 ng/uL

response 1850

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	20.80	18.68
58.00	43.50	41.20
0.00	0.00	0.00

Quantitation Report (Qedit)

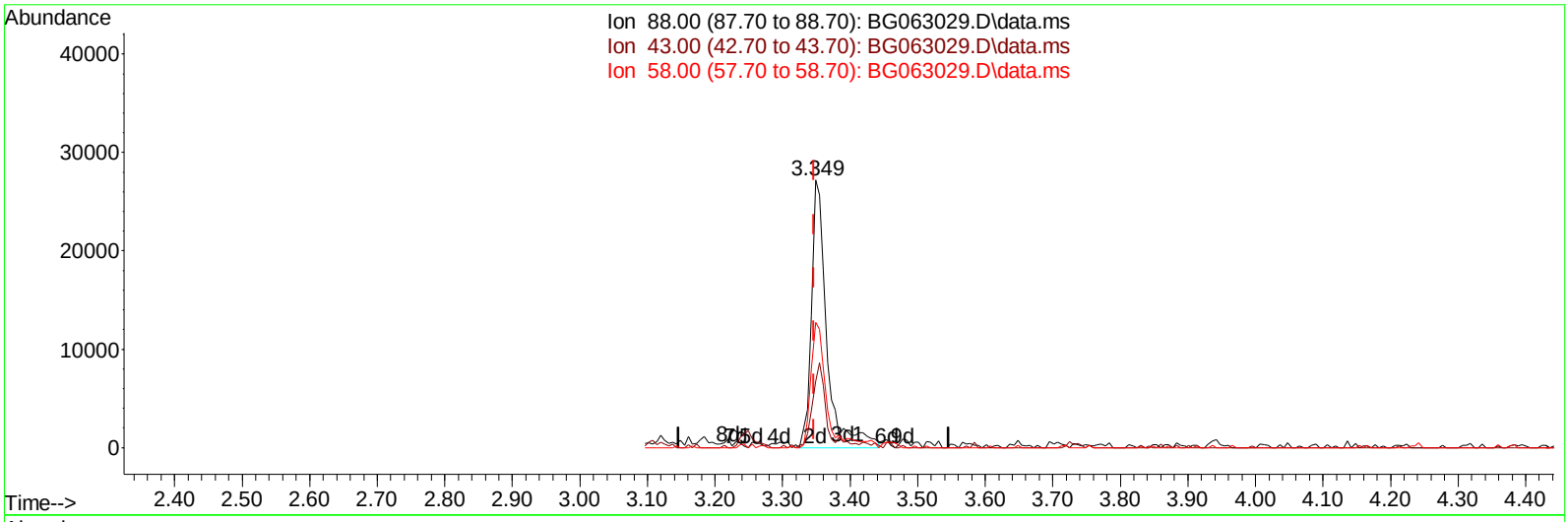
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063029.D
Acq On : 25 Sep 2024 11:58
Operator : RC/JU
Sample : SSTD08068
Misc :
ALS Vial : 6 Sample Multiplier: 1

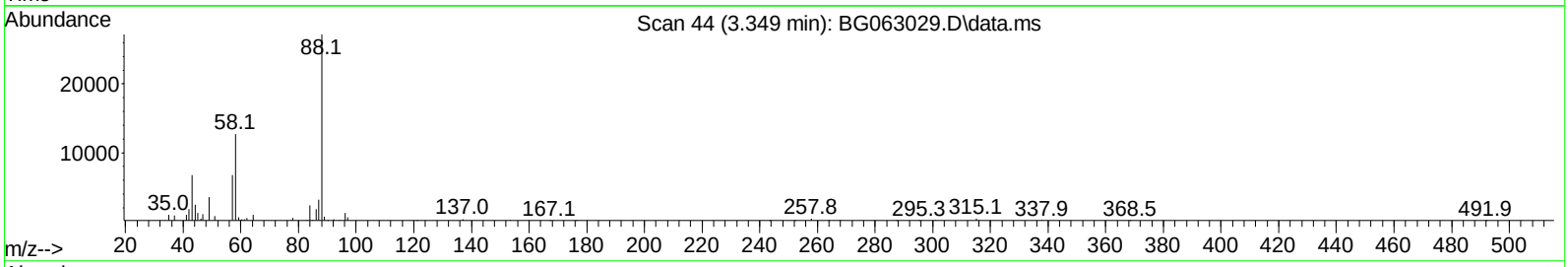
Quant Time: Sep 25 12:58:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

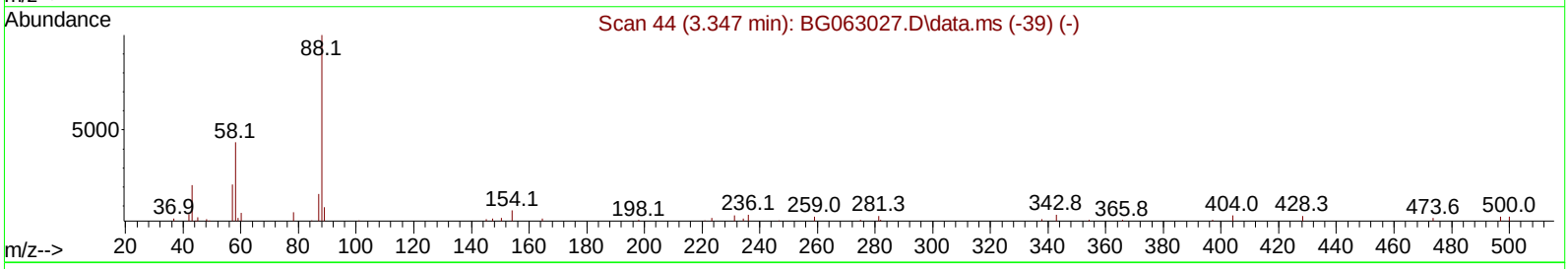
Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024







TIC: BG063029.D\data.ms

(2) 1,4-Dioxane

3.349min (+ 0.002) 20.82 ng/uL m

response 42721

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	20.80	24.99#
58.00	43.50	46.91
0.00	0.00	0.00

Quantitation Report (Qedit)

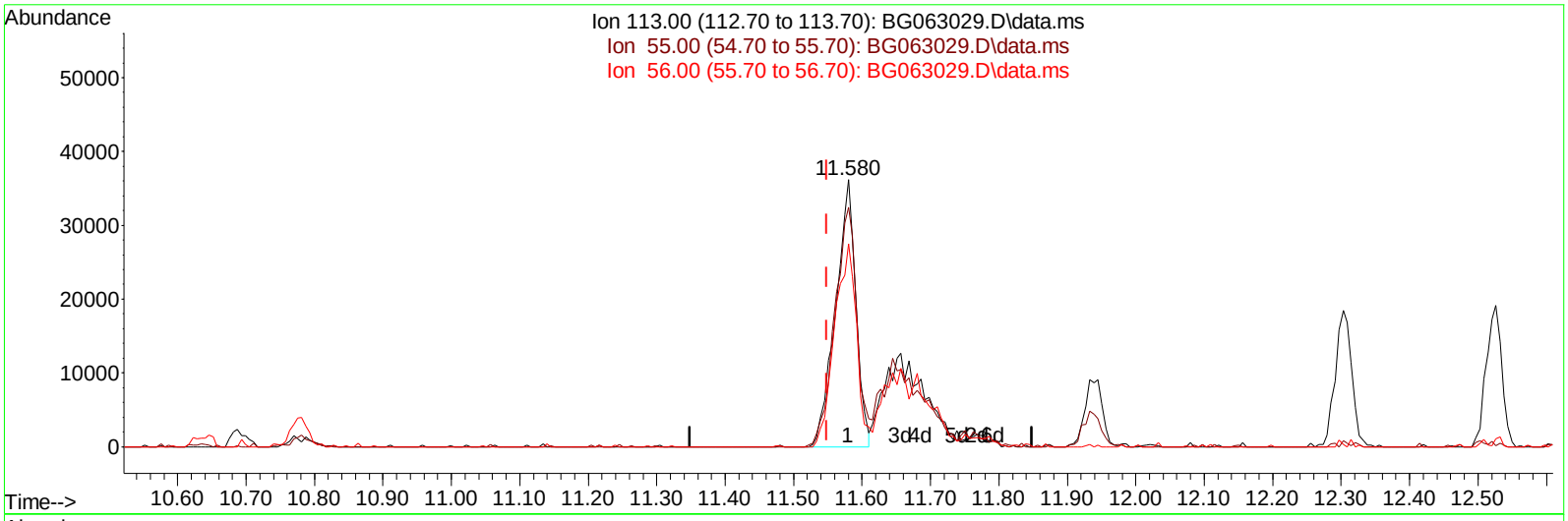
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063029.D
Acq On : 25 Sep 2024 11:58
Operator : RC/JU
Sample : SSTD08068
Misc :
ALS Vial : 6 Sample Multiplier: 1

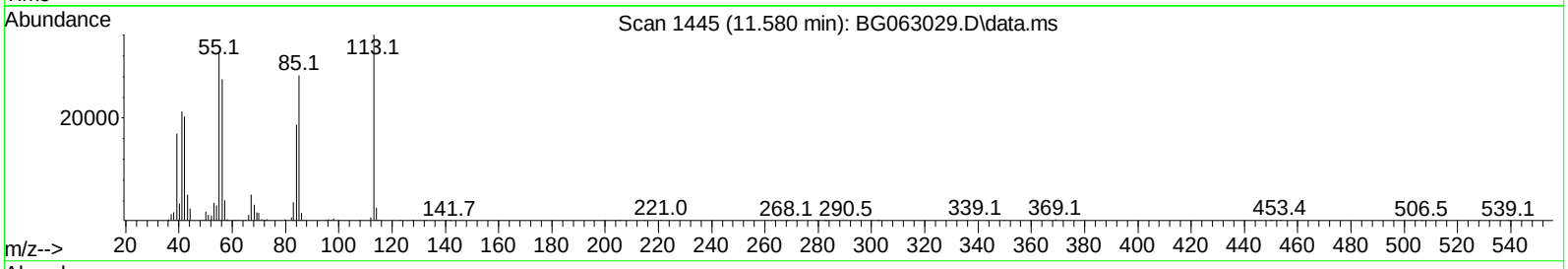
Quant Time: Sep 25 12:58:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

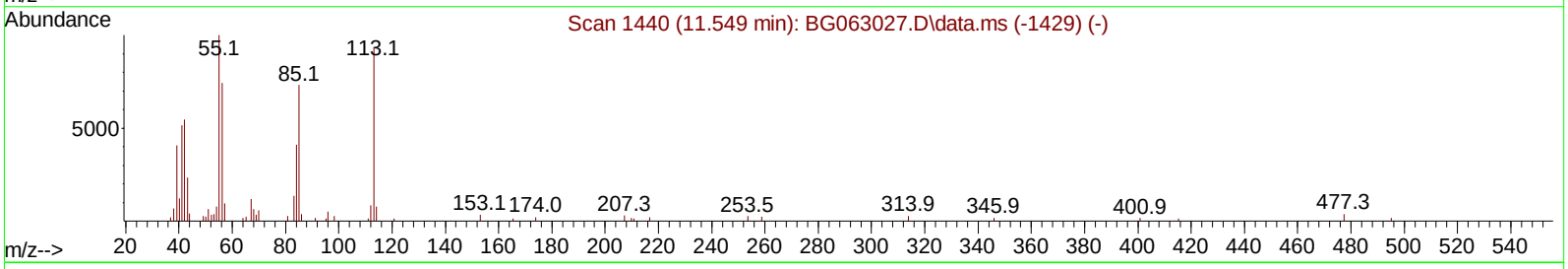
Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024







TIC: BG063029.D\data.ms

(34) Caprolactam

11.580min (+ 0.032) 36.39 ng/ul

response 74461

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	106.80	89.82
56.00	79.40	76.08
0.00	0.00	0.00

Quantitation Report (Qedit)

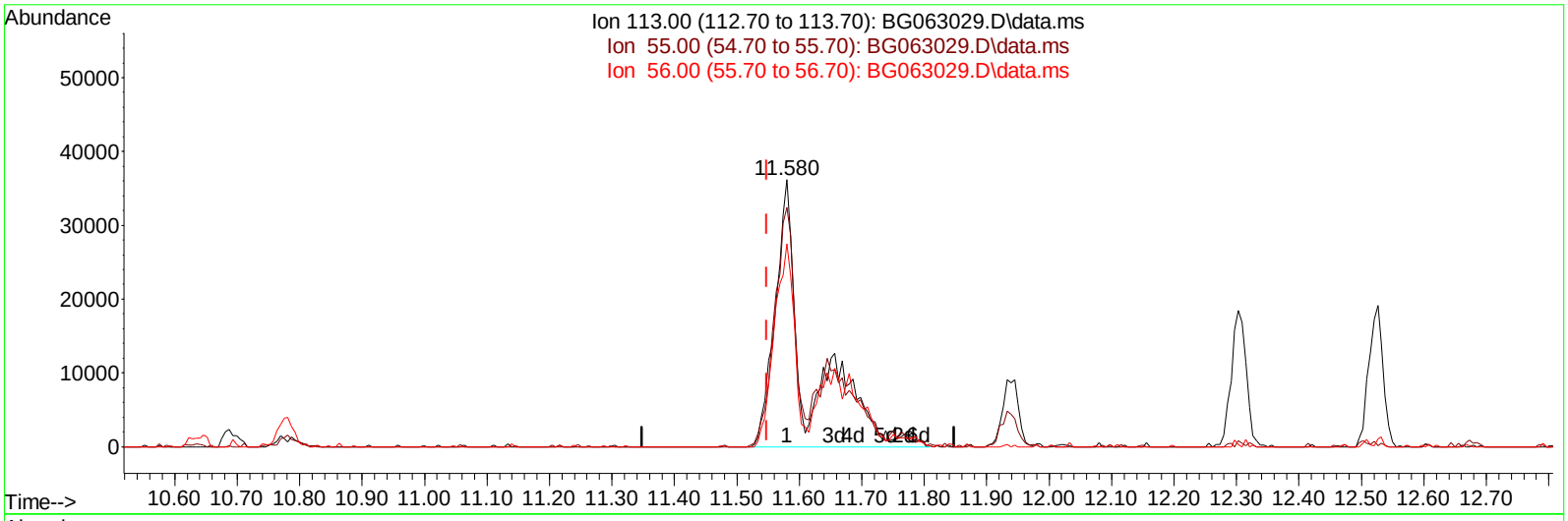
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063029.D
Acq On : 25 Sep 2024 11:58
Operator : RC/JU
Sample : SSTD08068
Misc :
ALS Vial : 6 Sample Multiplier: 1

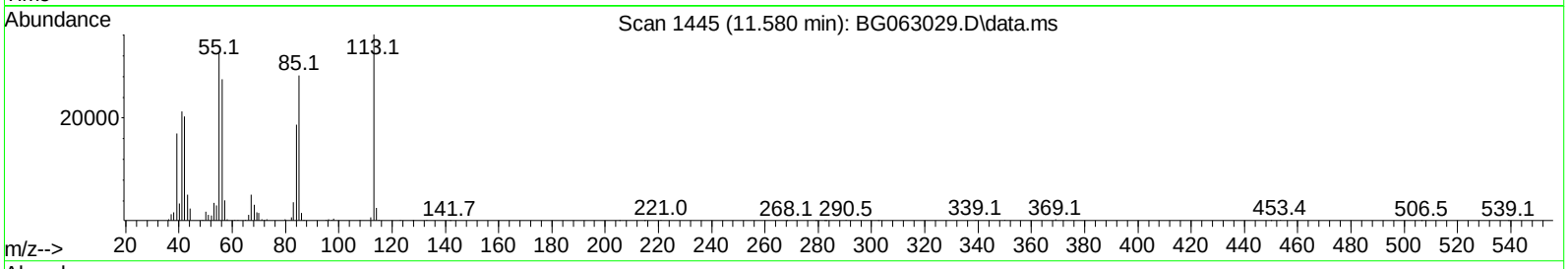
Quant Time: Sep 25 12:58:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

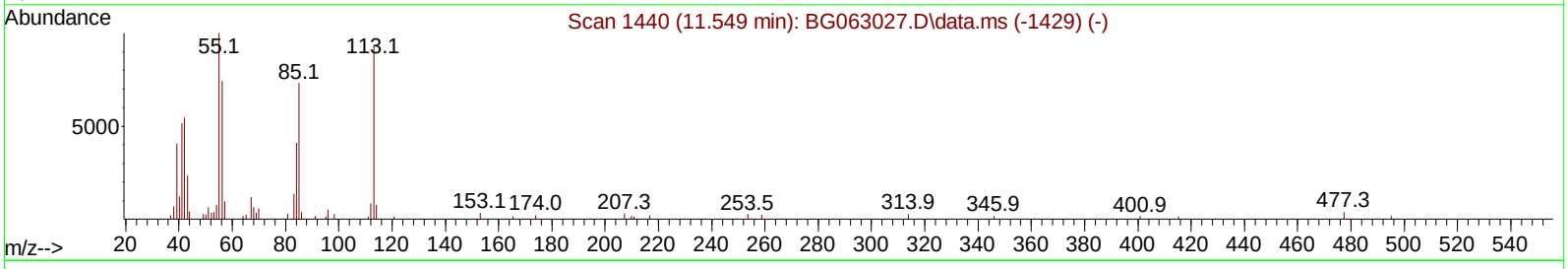
Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024







TIC: BG063029.D\data.ms

(34) Caprolactam

11.580min (+ 0.032) 63.94 ng/ul m

response 130822

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	106.80	89.82
56.00	79.40	76.08
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063029.D
Acq On : 25 Sep 2024 11:58
Operator : RC/JU
Sample : SSTD08068
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 12:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	84198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	337700	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.489	164	291132	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.238	188	741883	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	807017	20.000	ng/ul	0.00
88) Perylene-d12	24.536	264	924889	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	38352	21.441	ng/uL	0.00
4) Pyridine-d5	3.719	84	286821	50.913	ng/ul	0.00
7) Phenol-d5	7.027	99	421866	60.471	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.185	67	166883	42.205	ng/ul	0.00
11) 2-Chlorophenol-d4	7.385	132	420283	78.833	ng/ul	0.00
15) 4-Methylphenol-d8	8.566	113	379968	64.409	ng/ul	0.00
21) Nitrobenzene-d5	9.007	128	201051	83.884	ng/ul	0.00
24) 2-Nitrophenol-d4	9.730	143	274983	100.712	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.270	165	555907	94.824	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	627881	79.750	ng/ul	0.00
46) Dimethylphthalate-d6	13.895	166	1783258	79.421	ng/ul	0.00
49) Acenaphthylene-d8	14.183	160	1949854	79.311	ng/ul	0.00
54) 4-Nitrophenol-d4	14.706	143	278495	73.442	ng/ul	0.01
60) Fluorene-d10	15.487	176	1658294	81.765	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.611	200	436242	97.729	ng/ul	0.00
73) Anthracene-d10	17.338	188	2799729	80.418	ng/ul	0.00
81) Pyrene-d10	19.636	212	3511575	78.220	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.330	264	3983962	81.764	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	42721m	20.823	ng/uL	
5) Pyridine	3.742	79	286775	49.725	ng/ul	88
6) Benzaldehyde	6.992	77	153782	42.410	ng/ul	92
8) Phenol	7.056	94	414152	57.181	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.279	93	264202	49.957	ng/ul	100
12) 2-Chlorophenol	7.420	128	401789	74.838	ng/ul	93
13) 2-Methylphenol	8.296	108	369296	66.857	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.372	45	196184	22.118	ng/ul	99
16) Acetophenone	8.672	105	584950	62.163	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.672	70	236605	49.749	ng/ul#	87
18) 4-Methylphenol	8.631	108	403277	64.855	ng/ul	81
19) Hexachloroethane	8.925	117	155171	71.763	ng/ul	93
22) Nitrobenzene	9.048	77	378162	61.965	ng/ul#	89
23) Isophorone	9.577	82	729124	58.820	ng/ul	97
25) 2-Nitrophenol	9.759	139	266611	90.930	ng/ul	96
26) 2,4-Dimethylphenol	9.824	107	477653	78.068	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.053	93	360593	52.650	ng/ul#	95
29) 2,4-Dichlorophenol	10.294	162	531890	92.515	ng/ul	97
30) Naphthalene	10.693	128	1376212	77.614	ng/ul	98
32) 4-Chloroaniline	10.805	127	572773	74.720	ng/ul	92
33) Hexachlorobutadiene	10.981	225	502513	101.801	ng/ul	97
34) Caprolactam	11.580	113	130822m	63.940	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	444445	73.082	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063029.D
Acq On : 25 Sep 2024 11:58
Operator : RC/JU
Sample : SSTD08068
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 12:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.303	142	1093708	81.760	ng/ul	100
37) 1-Methylnaphthalene	12.526	142	1109656	81.396	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.673	216	976869	96.162	ng/ul	100
40) Hexachlorocyclopentadiene	12.655	237	566976	108.587	ng/ul	93
41) 2,4,6-Trichlorophenol	12.920	196	562831	92.246	ng/ul	99
42) 2,4,5-Trichlorophenol	12.996	196	623674	94.836	ng/ul	94
43) 1,1'-Biphenyl	13.319	154	1573253	78.427	ng/ul	98
44) 2-Chloronaphthalene	13.361	162	1311002	80.332	ng/ul	98
45) 2-Nitroaniline	13.566	65	238067	56.516	ng/ul	92
47) Dimethylphthalate	13.948	163	1720292	75.261	ng/ul	99
48) 2,6-Dinitrotoluene	14.066	165	383051	93.225	ng/ul	97
50) Acenaphthylene	14.212	152	1966849	76.396	ng/ul#	97
51) 3-Nitroaniline	14.395	138	286302	70.930	ng/ul#	95
52) Acenaphthene	14.553	153	1386493	75.949	ng/ul	97
53) 2,4-Dinitrophenol	14.606	184	285068	100.009	ng/ul	93
55) 4-Nitrophenol	14.724	109	330667	91.469	ng/ul	95
56) Dibenzofuran	14.888	168	2143585	78.330	ng/ul	94
57) 2,4-Dinitrotoluene	14.859	165	567200	87.490	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.117	232	624158	92.239	ng/ul	98
59) Diethylphthalate	15.317	149	1658168	73.437	ng/ul	99
61) Fluorene	15.540	166	1746764	80.410	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.534	204	1108704	85.988	ng/ul	99
63) 4-Nitroaniline	15.570	138	293208	66.933	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.628	198	461136	100.021	ng/ul	94
67) N-Nitrosodiphenylamine	15.746	169	1570540	84.314	ng/ul	99
68) 4-Bromophenyl-phenylether	16.428	248	791337	92.053	ng/ul	96
69) Hexachlorobenzene	16.545	284	850508	87.441	ng/ul	94
70) Atrazine	16.704	200	747283	86.777	ng/ul	99
71) Pentachlorophenol	16.892	266	541124	92.000	ng/ul	90
72) Phenanthrene	17.279	178	2984279	78.154	ng/ul	98
74) Anthracene	17.374	178	3011949	77.276	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.284	216	985067	98.013	ng/ul	94
76) Pentachlorobenzene	14.812	250	1031535	92.923	ng/ul	96
77) Carbazole	17.644	167	2495723	77.291	ng/ul	99
78) Di-n-butylphthalate	18.208	149	2601842	69.242	ng/ul	97
80) Fluoranthene	19.301	202	3793272	76.144	ng/ul#	99
82) Pyrene	19.665	202	3897145	73.091	ng/ul	99
83) Butylbenzylphthalate	20.558	149	1199645	76.578	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	1467411	85.691	ng/ul	95
85) Benzo(a)anthracene	21.475	228	4255743	76.500	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.392	149	1732880	75.694	ng/ul	93
87) Chrysene	21.539	228	3942204	74.892	ng/ul	91
89) Di-n-octyl phthalate	22.538	149	2877991	69.354	ng/ul	100
90) Benzo(b)fluoranthene	23.578	252	4541588	80.024	ng/ul	96
91) Benzo(k)fluoranthene	23.643	252	4419365	76.110	ng/ul	97
93) Benzo(a)pyrene	24.401	252	4172948	77.955	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.979	276	5338115	81.109	ng/ul	95
95) Dibenzo(a,h)anthracene	28.032	278	4304216	81.492	ng/ul	98
96) Benzo(g,h,i)perylene	29.048	276	4008766	79.145	ng/ul	99

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

Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063029.D
Acq On : 25 Sep 2024 11:58
Operator : RC/JU
Sample : SSTD08068
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 12:59:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080407

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024