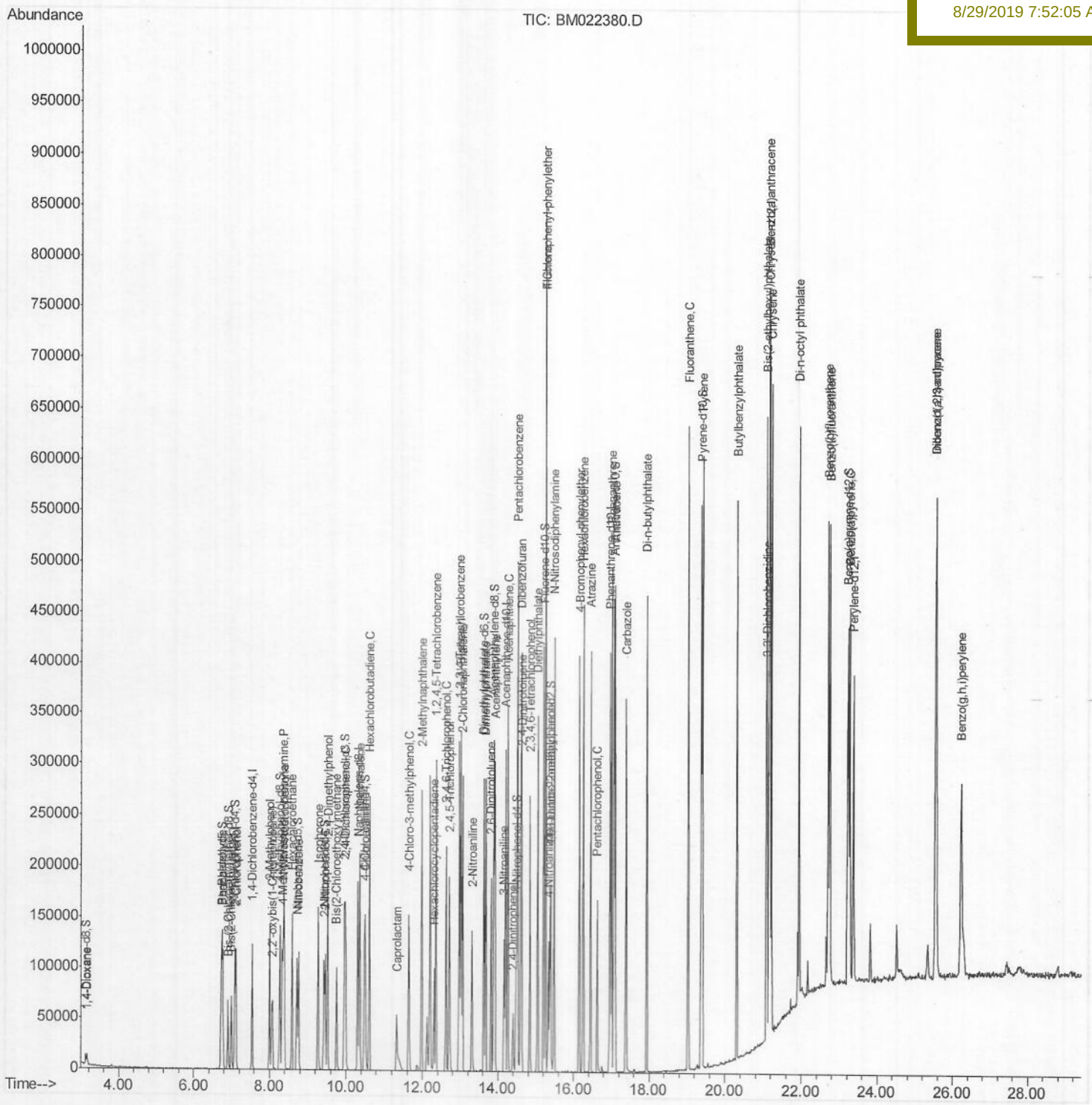
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082819\
Data File : BM022380.D
Acq On : 28 Aug 2019 09:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 15:39:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:05 AM

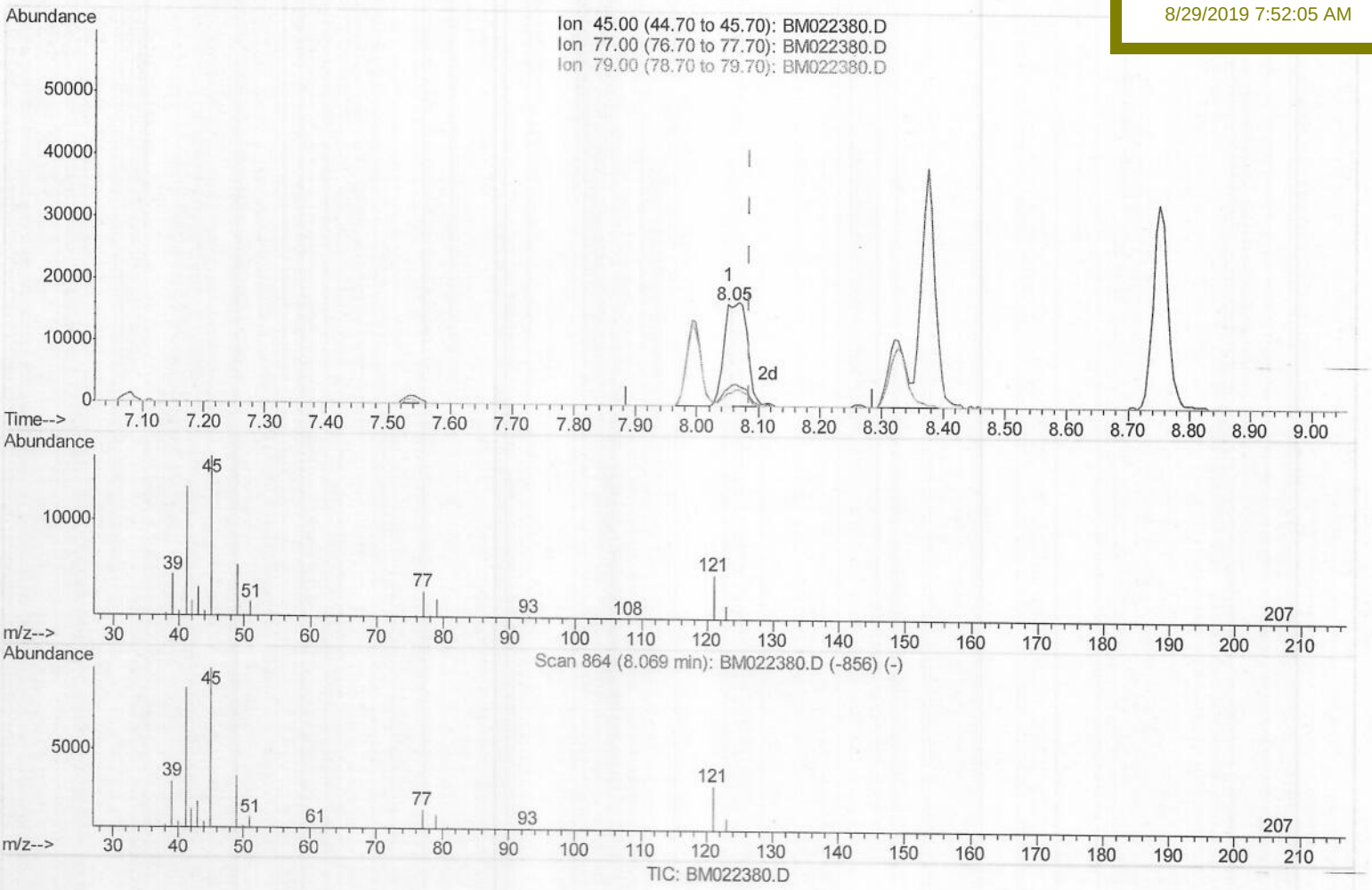


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082819\
Data File : BM022380.D
Acq On : 28 Aug 2019 09:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 15:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:05 AM



Scan 864 (8.069 min): BM022380.D (-856) (-)

TIC: BM022380.D

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

8.051min (-0.035) 7.87ng/ul

response 18673

Ion	Exp%	Act%
45.00	100	100
77.00	18.70	17.43
79.00	14.20	12.48
0.00	0.00	0.00

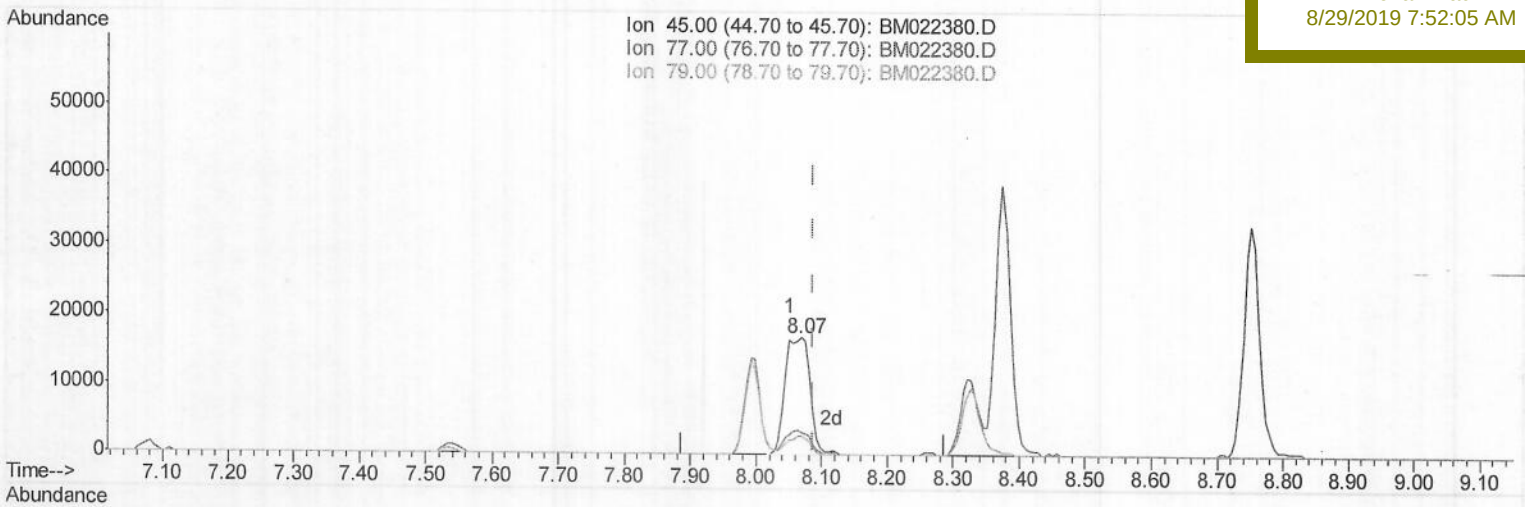
Quantitation Report (Qedit)

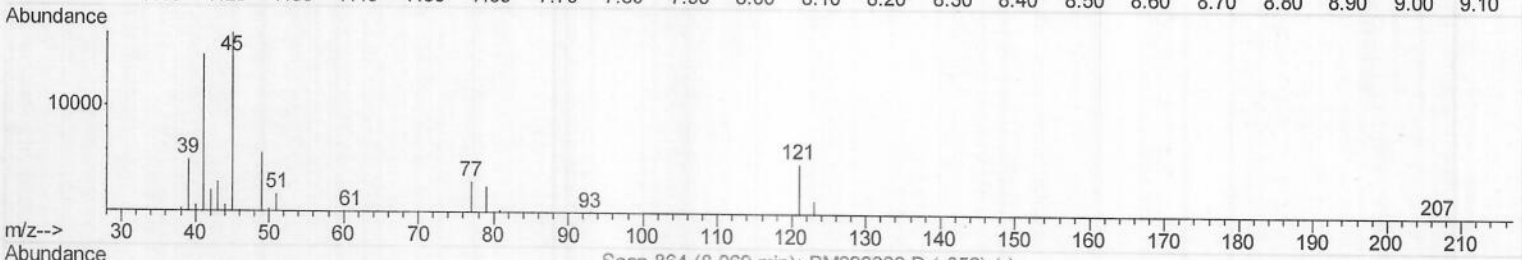
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082819\
Data File : BM022380.D
Acq On : 28 Aug 2019 09:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 15:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

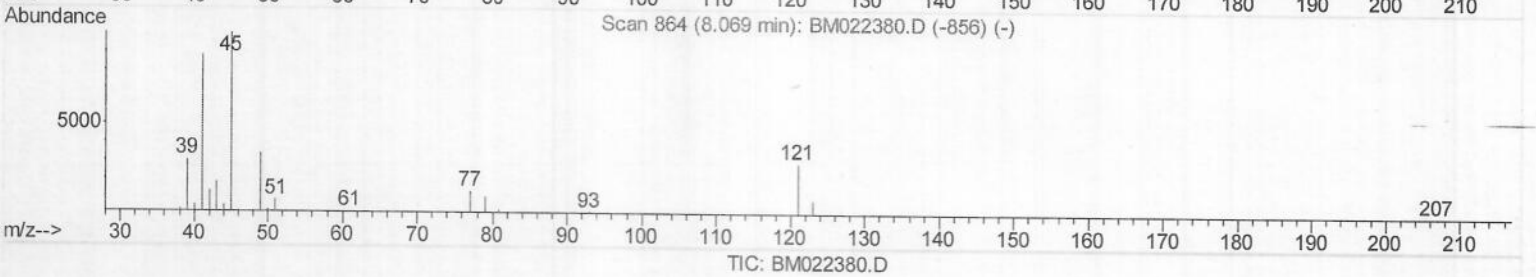
Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:05 AM





Scan 864 (8.069 min): BM022380.D (-856) (-)



TIC: BM022380.D

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

8.069min (-0.018) 18.67ng/ul m JU 08/29/19

response 44287

Ion	Exp%	Act%
45.00	100	100
77.00	18.70	19.00
79.00	14.20	15.79
0.00	0.00	0.00

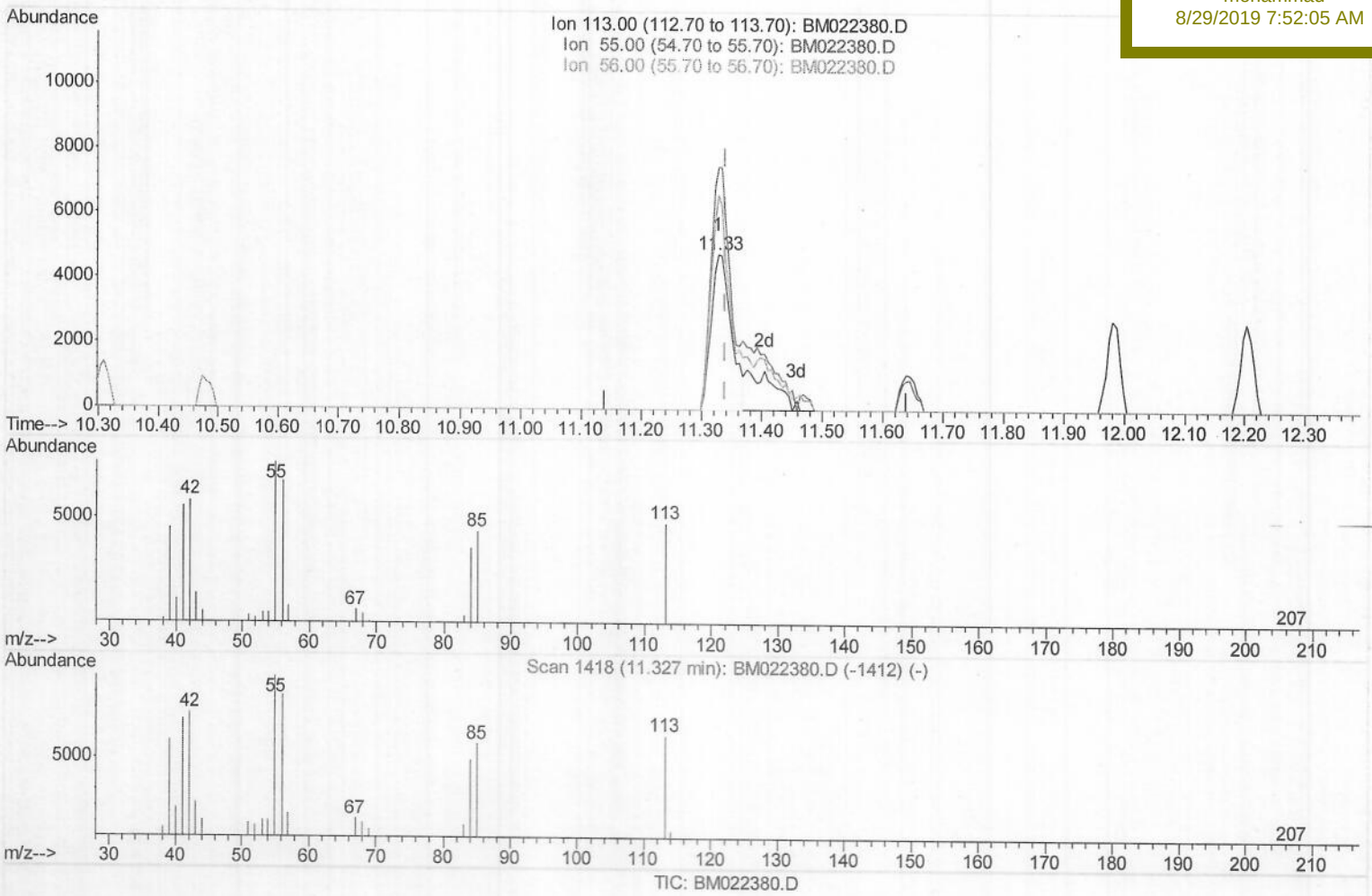
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082819\
Data File : BM022380.D
Acq On : 28 Aug 2019 09:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 15:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:05 AM



(32) Caprolactam

11.327min (-0.012) 16.19ng/ul

response 11036

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	155.86
56.00	130.80	138.22
0.00	0.00	0.00

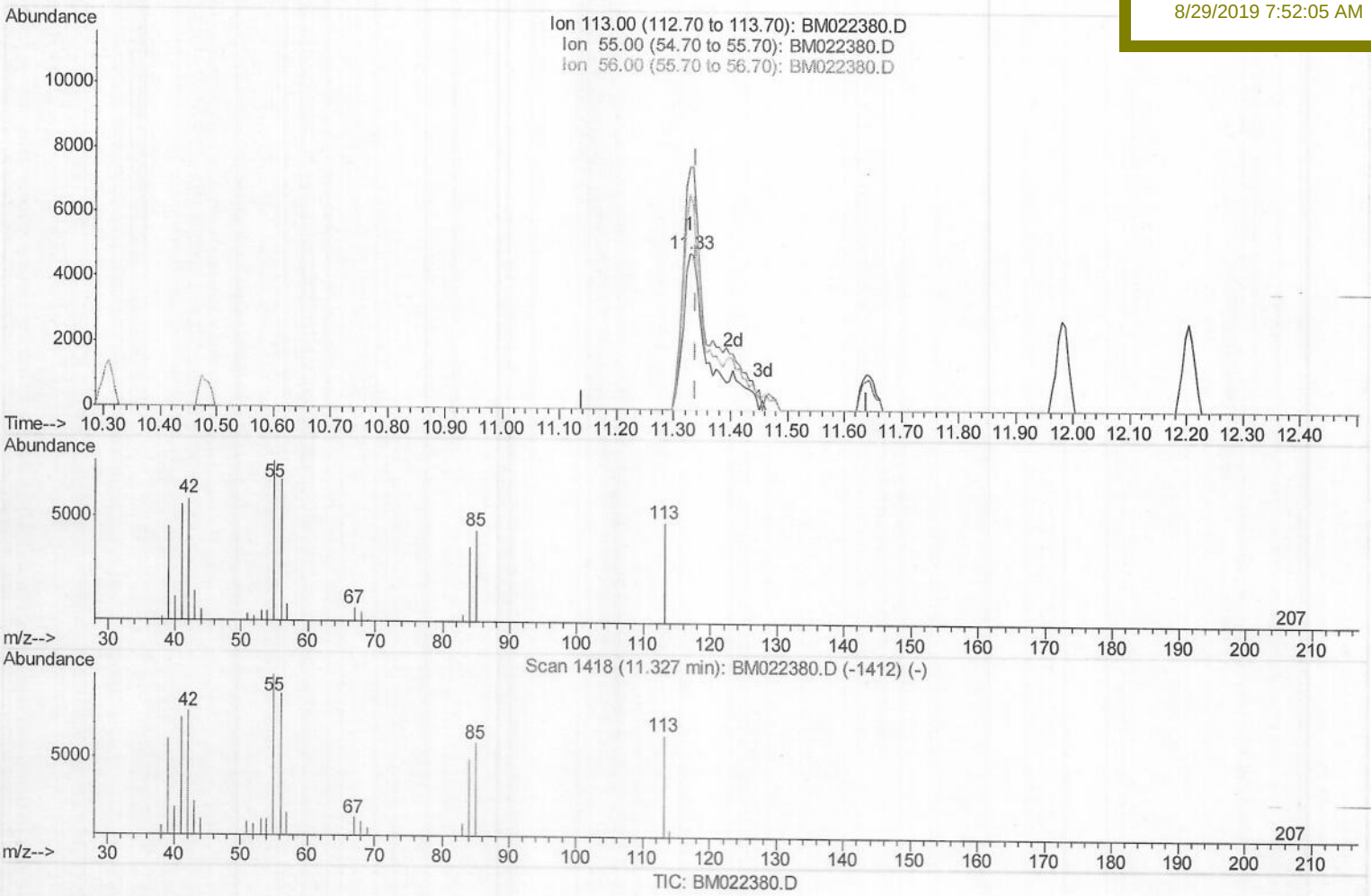
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082819\
Data File : BM022380.D
Acq On : 28 Aug 2019 09:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 15:37:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02060

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:05 AM



(32) Caprolactam

11.327min (-0.012) 22.14ng/ul m JU
08/29/19

response 15095

Ion	Exp%	Act%
113.00	100	100
55.00	139.50	155.86
56.00	130.80	138.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082819\
Data File : BM022380.D
Acq On : 28 Aug 2019 09:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 15:39:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02060

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	27054	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.31	136	122742	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	92980	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	224174	20.00	ng/ul	-0.02
77) Chrysene-d12	21.17	240	223329	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	209462	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	5408	8.95	ng/uL	0.00
5) Phenol-d5	6.73	99	45599	19.53	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	26497	19.51	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.07	132	40256	21.35	ng/ul	-0.01
13) 4-Methylphenol-d8	8.26	113	40664	20.09	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	19228	21.01	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.42	143	24022	22.55	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.95	165	50498	23.29	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.48	131	56873	21.56	ng/ul	-0.01
43) Dimethylphthalate-d6	13.62	166	162881	19.89	ng/ul	-0.01
46) Acenaphthylene-d8	13.89	160	192818	21.86	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.47	143	14918	12.30	ng/ul	0.00
57) Fluorene-d10	15.20	176	142534	20.99	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	28121	16.26	ng/ul	-0.01
70) Anthracene-d10	17.06	188	247642	20.86	ng/ul	-0.01
78) Pyrene-d10	19.37	212	295486	25.46	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	232906	20.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	5553	8.569	ng/uL	87
4) Benzaldehyde	6.72	77	34274	25.502	ng/ul	94
6) Phenol	6.76	94	47800	19.119	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.99	93	35004	19.231	ng/ul	96
10) 2-Chlorophenol	7.11	128	40445	20.668	ng/ul	99
11) 2-Methylphenol	8.00	108	36436	18.506	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.07	45	44287m	18.671	ng/ul	) JU 08/29/19
14) Acetophenone	8.37	105	68295	19.522	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.35	70	33344	18.830	ng/ul	97
16) 4-Methylphenol	8.32	108	40408	18.666	ng/ul	100
17) Hexachloroethane	8.58	117	21013	21.900	ng/ul	92
20) Nitrobenzene	8.75	77	56845	21.092	ng/ul	96
21) Isophorone	9.27	82	92650	18.862	ng/ul	97
23) 2-Nitrophenol	9.45	139	25425	21.732	ng/ul	92
24) 2,4-Dimethylphenol	9.51	107	56018	20.416	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.75	93	52725	19.882	ng/ul	97
27) 2,4-Dichlorophenol	9.97	162	47760	21.739	ng/ul	99
28) Naphthalene	10.36	128	135291	19.973	ng/ul	99
30) 4-Chloroaniline	10.50	127	55270	20.135	ng/ul	99
31) Hexachlorobutadiene	10.61	225	52647	24.984	ng/ul	98
32) Caprolactam	11.33	113	15095m	22.138	ng/ul	) JU 08/29/19
33) 4-Chloro-3-methylphenol	11.64	107	50849	20.964	ng/ul	96
34) 2-Methylnaphthalene	11.98	142	107396	20.578	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM082819\
Data File : BM022380.D
Acq On : 28 Aug 2019 09:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 28 15:39:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 28 13:13:56 2019
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02060

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:05 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	88112	22.914	ng/ul	97
37) Hexachlorocyclopentadiene	12.30	237	26499	14.852	ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	47836	22.153	ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	48378	20.483	ng/ul	97
40) 1,1'-Biphenyl	13.02	154	144917	19.151	ng/ul	99
41) 2-Chloronaphthalene	13.06	162	119463	20.256	ng/ul	98
42) 2-Nitroaniline	13.31	65	36908	20.478	ng/ul	98
44) Dimethylphthalate	13.67	163	159827	19.183	ng/ul#	99
45) 2,6-Dinitrotoluene	13.82	165	31945	19.966	ng/ul	99
47) Acenaphthylene	13.92	152	176084	19.254	ng/ul	99
48) 3-Nitroaniline	14.15	138	27465	20.164	ng/ul	85
49) Acenaphthene	14.26	153	128628	19.810	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	14651	15.313	ng/ul	95
52) 4-Nitrophenol	14.48	109	38620	19.159	ng/ul	92
53) Dibenzofuran	14.60	168	190872	19.737	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	47748	19.307	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.84	232	50836	21.228	ng/ul	94
56) Diethylphthalate	15.04	149	171159	19.154	ng/ul	98
58) Fluorene	15.26	166	162934	20.003	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.25	204	109244	21.906	ng/ul	97
60) 4-Nitroaniline	15.33	138	27814	19.679	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.39	198	27301	14.710	ng/ul	98
64) N-Nitrosodiphenylamine	15.48	169	134150	19.204	ng/ul	100
65) 4-Bromophenyl-phenylether	16.15	248	69950	21.799	ng/ul	93
66) Hexachlorobenzene	16.25	284	75146	21.017	ng/ul	96
67) Atrazine	16.44	200	81423	22.380	ng/ul	99
68) Pentachlorophenol	16.62	266	31035	14.369	ng/ul	96
69) Phenanthrene	17.00	178	261790	19.520	ng/ul	98
71) Anthracene	17.09	178	272083	19.496	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	86621	21.724	ng/uL	98
73) Pentachlorobenzene	14.51	250	97659	22.577	ng/uL	99
74) Carbazole	17.39	167	211606	16.787	ng/ul	99
75) Di-n-butylphthalate	17.93	149	298975	18.567	ng/ul	99
76) Fluoranthene	19.03	202	347391	17.189	ng/ul#	97
79) Pyrene	19.40	202	349990	24.212	ng/ul#	95
80) Butylbenzylphthalate	20.31	149	133435	21.811	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.10	252	100200	17.247	ng/ul	99
82) Benzo(a)anthracene	21.16	228	339625	20.205	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.08	149	194786	21.159	ng/ul#	97
84) Chrysene	21.22	228	313074	19.920	ng/ul	98
86) Di-n-octyl phthalate	21.94	149	303690	19.563	ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	292302	20.061	ng/ul#	98
88) Benzo(k)fluoranthene	22.76	252	283566	20.068	ng/ul#	97
90) Benzo(a)pyrene	23.27	252	276173	19.885	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.55	276	325816	20.203	ng/ul#	97
92) Dibenzo(a,h)anthracene	25.56	278	274043	20.015	ng/ul	97
93) Benzo(g,h,i)perylene	26.23	276	256374	20.838	ng/ul	97

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