Quantitation Report (Qedit)

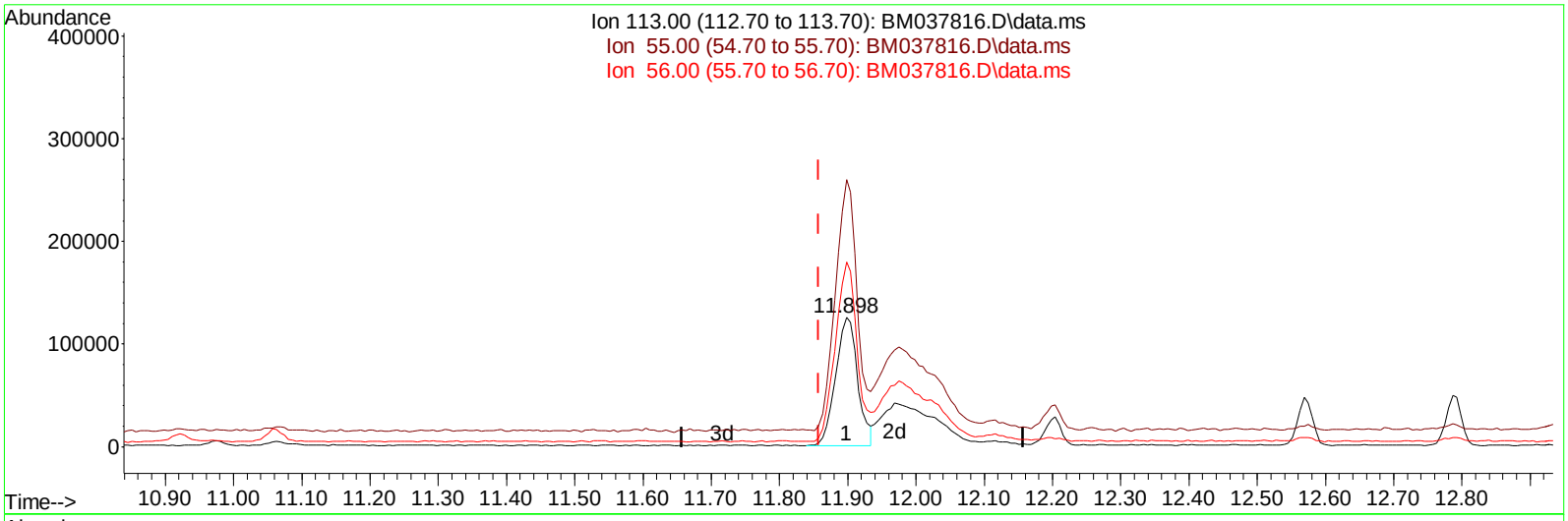
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120122\
Data File : BM037816.D
Acq On : 01 Dec 2022 18:52
Operator : CG/JU
Sample : SSTD08001
Misc :
ALS Vial : 6 Sample Multiplier: 1

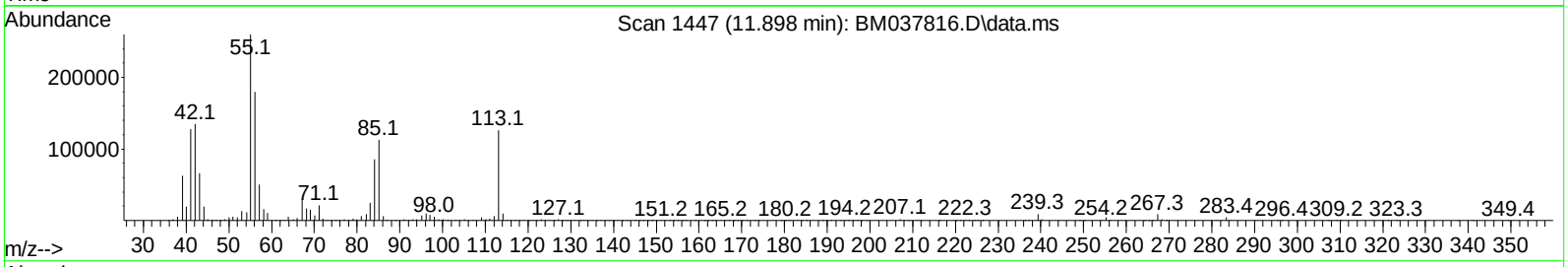
Quant Time: Dec 02 00:19:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 00:13:28 2022
Response via : Initial Calibration

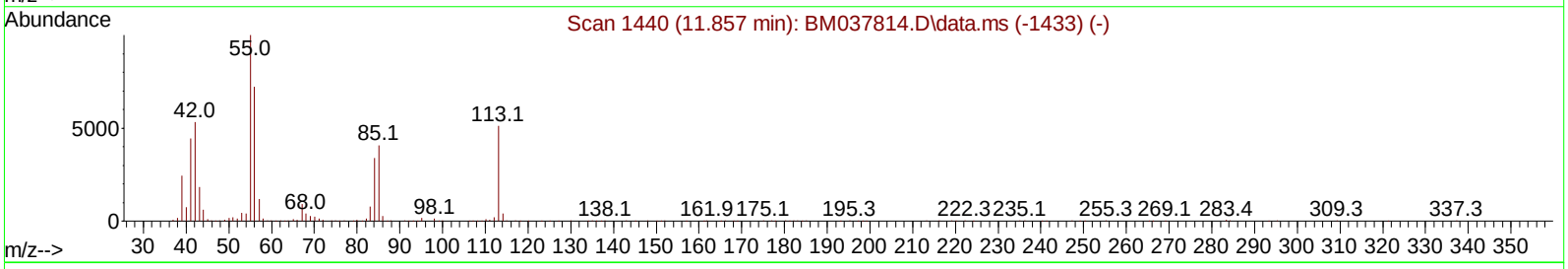
Instrument :
BNA_M
ClientSampleId :
SSTD080002

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022







TIC: BM037816.D\data.ms

(34) Caprolactam

11.898min (+ 0.041) 41.33 ng/ul

response 279748

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	206.09
56.00	149.80	142.86
0.00	0.00	0.00

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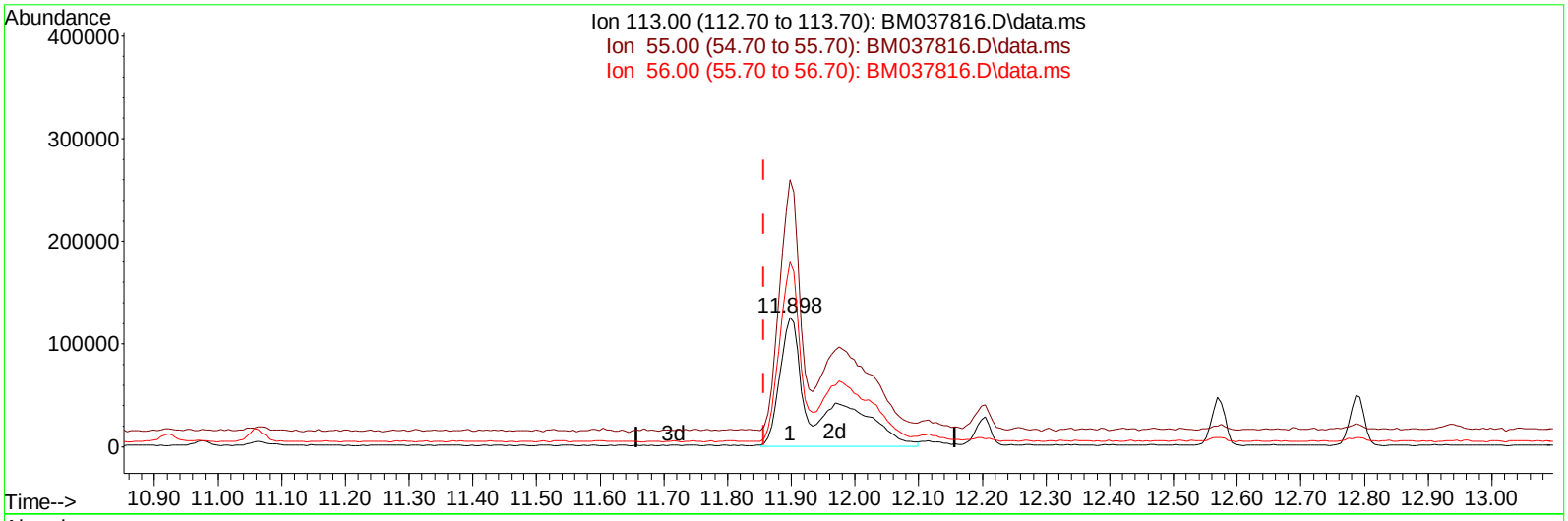

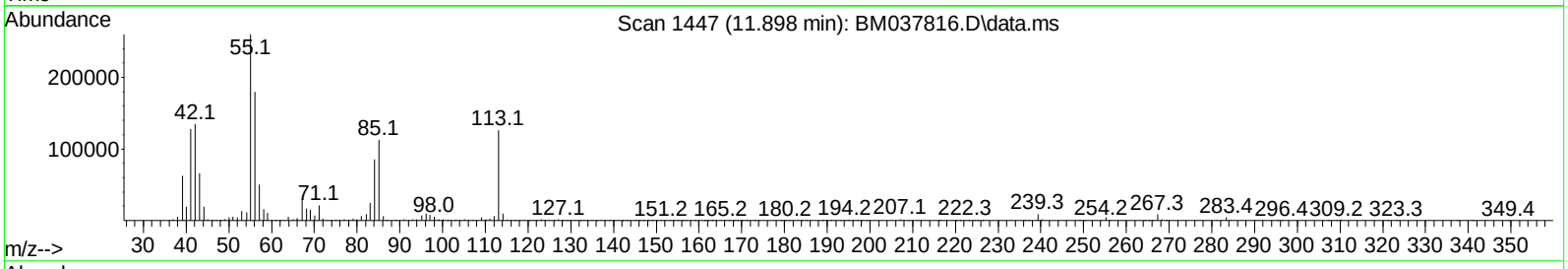

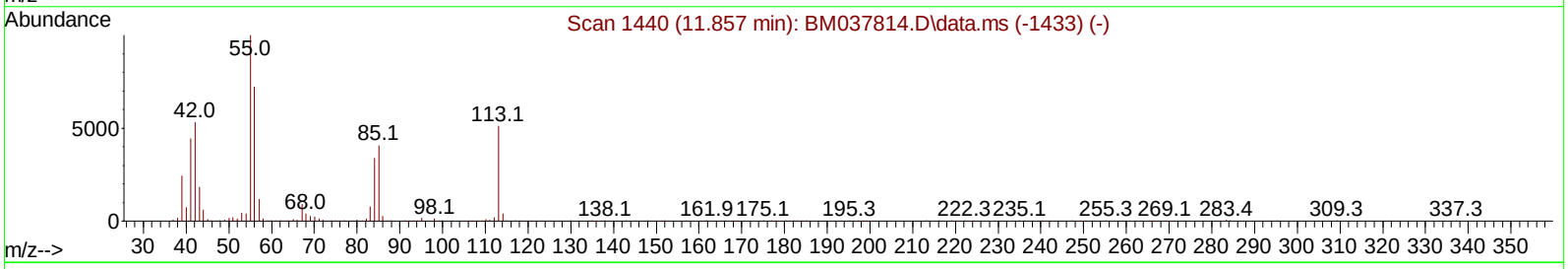

TIC: BM037816.D\data.ms

(34) Caprolactam

11.898min (+ 0.041) 76.70 ng/ul m

response 519113

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	232.70	206.09
56.00	149.80	142.86
0.00	0.00	0.00

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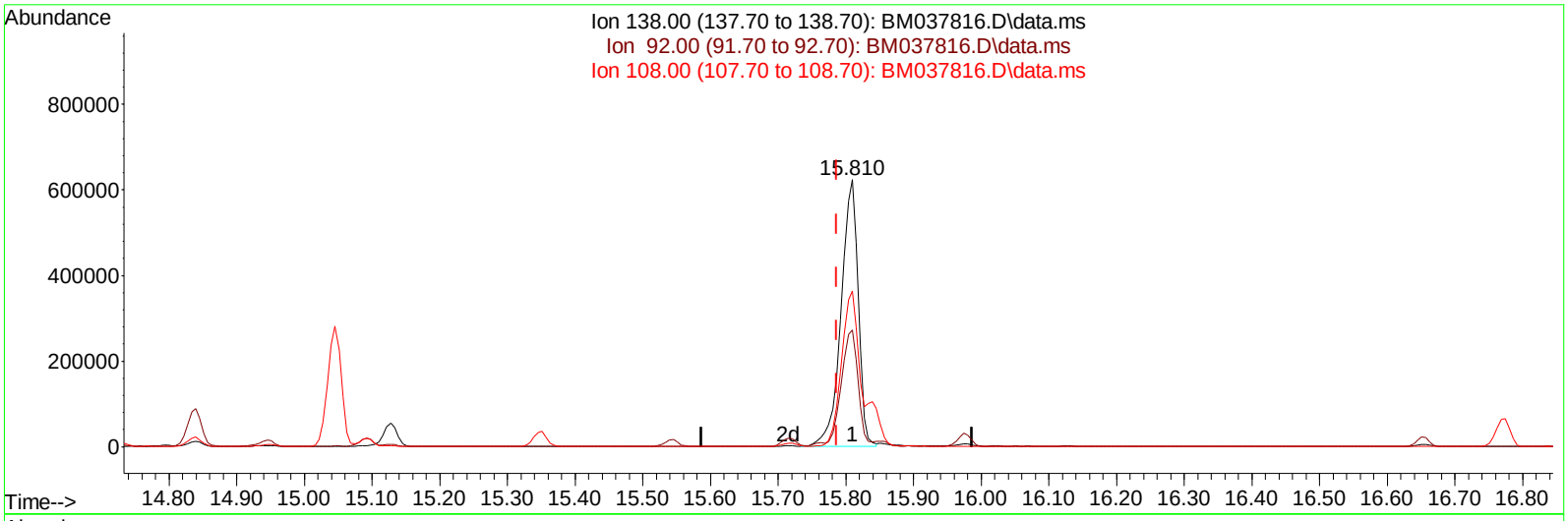

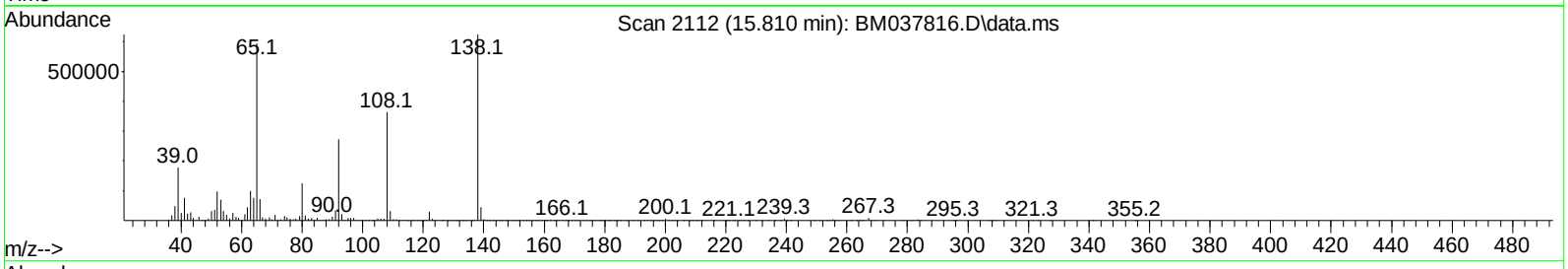

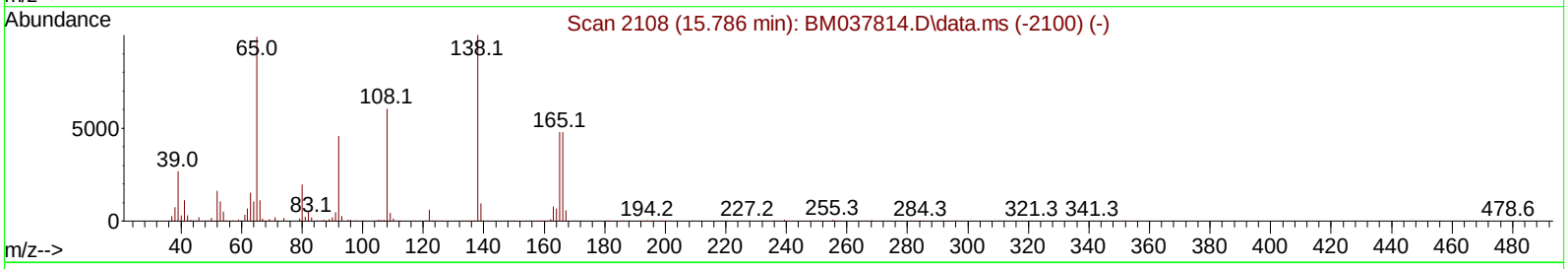

TIC: BM037816.D\data.ms

(63) 4-Nitroaniline

15.810min (+ 0.023) 87.52 ng/ul

response 1093909

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.70	43.65
108.00	60.20	58.29
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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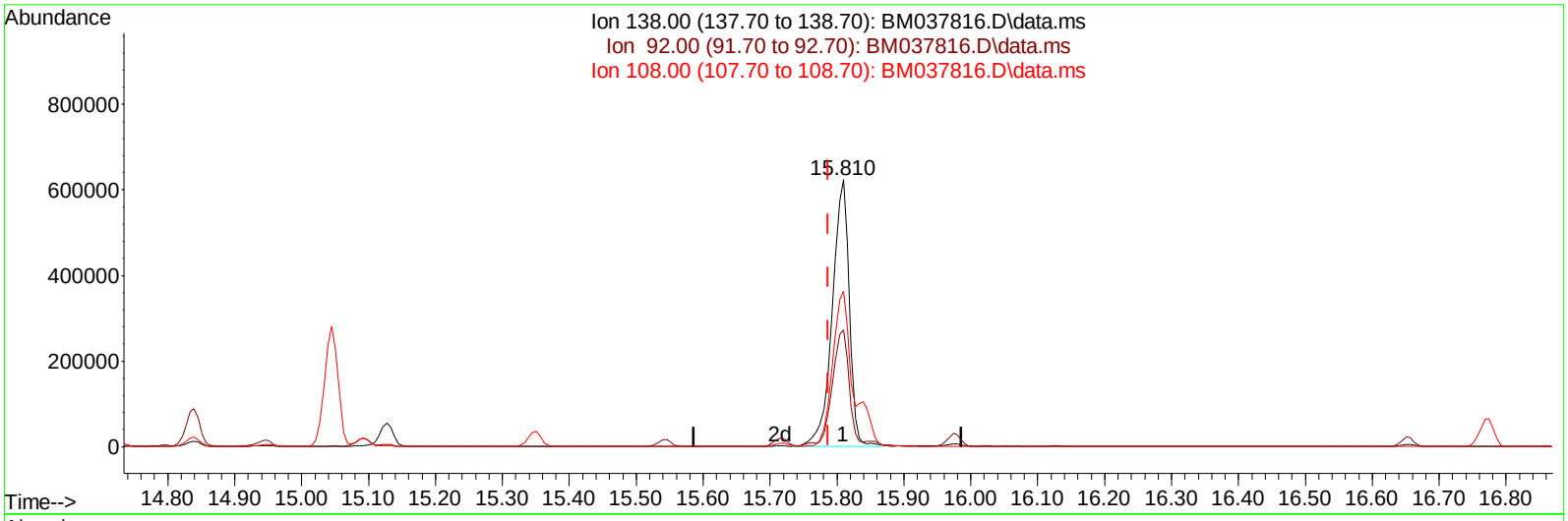

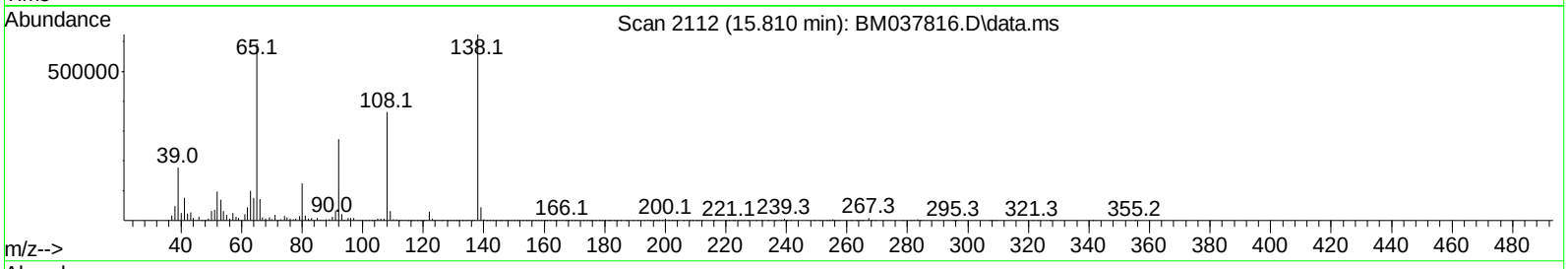

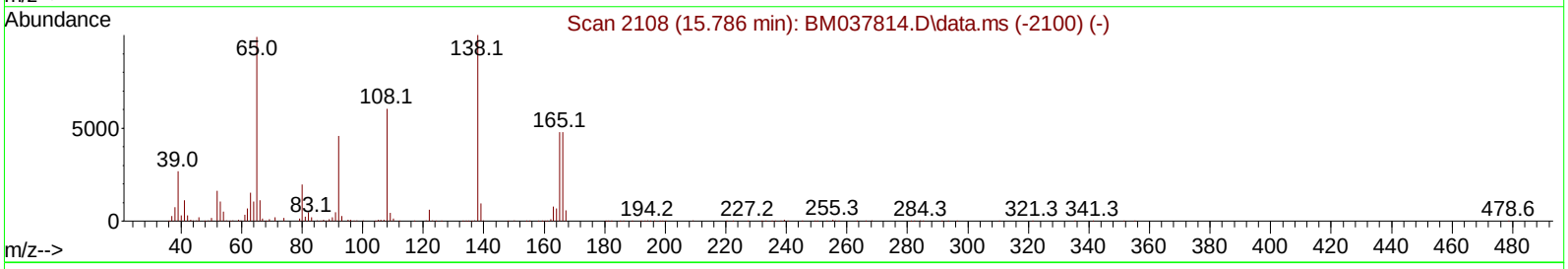

TIC: BM037816.D\data.ms

(63) 4-Nitroaniline

15.810min (+ 0.023) 88.29 ng/ul m

response 1103531

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	45.70	43.65
108.00	60.20	58.29
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	245535	20.000	ng/ul	0.00
20) Naphthalene-d8	10.922	136	1123741	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.727	164	745439	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.468	188	1606234	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1567294	20.000	ng/ul	0.00
88) Perylene-d12	24.121	264	1641355	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	159369	26.918	ng/uL	0.00
4) Pyridine-d5	3.863	84	1398954	72.592	ng/ul	0.00
7) Phenol-d5	7.257	99	1780432	72.683	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.422	67	1013006	61.993	ng/ul	0.00
11) 2-Chlorophenol-d4	7.628	132	1381854	81.184	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	1411060	72.388	ng/ul	0.01
21) Nitrobenzene-d5	9.275	128	750139	85.150	ng/ul	0.00
24) 2-Nitrophenol-d4	9.998	143	803080	92.515	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.539	165	1450042	91.281	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	2124523	80.596	ng/ul	0.01
46) Dimethylphthalate-d6	14.139	166	4141844	78.442	ng/ul	0.00
49) Acenaphthylene-d8	14.427	160	5017447	80.507	ng/ul	0.00
54) 4-Nitrophenol-d4	14.927	143	886644	76.235	ng/ul	0.02
60) Fluorene-d10	15.716	176	3708419	80.194	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	740436	85.693	ng/ul	0.02
73) Anthracene-d10	17.568	188	5804873	77.282	ng/ul	0.00
81) Pyrene-d10	19.851	212	6469426	81.227	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	6578820	77.870	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	174997	26.886	ng/uL#	83
5) Pyridine	3.881	79	1359582	69.379	ng/ul	99
6) Benzaldehyde	7.234	77	839703	65.312	ng/ul	96
8) Phenol	7.287	94	1821612	70.944	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.516	93	1418433	68.140	ng/ul	98
12) 2-Chlorophenol	7.663	128	1488686	80.062	ng/ul	97
13) 2-Methylphenol	8.545	108	1437447	73.383	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	2594654	69.007	ng/ul	99
16) Acetophenone	8.940	105	2206478	68.762	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.934	70	1119034	59.500	ng/ul	100
18) 4-Methylphenol	8.887	108	1555554	71.879	ng/ul	99
19) Hexachloroethane	9.192	117	564677	70.215	ng/ul	97
22) Nitrobenzene	9.322	77	1569097	65.322	ng/ul	99
23) Isophorone	9.857	82	3299820	68.160	ng/ul	99
25) 2-Nitrophenol	10.034	139	864540	88.057	ng/ul	97
26) 2,4-Dimethylphenol	10.087	107	1609049	74.626	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.328	93	1954647	70.381	ng/ul	98
29) 2,4-Dichlorophenol	10.569	162	1466779	90.256	ng/ul	98
30) Naphthalene	10.975	128	4974655	80.963	ng/ul	100
32) 4-Chloroaniline	11.086	127	2152494	78.357	ng/ul	99
33) Hexachlorobutadiene	11.257	225	868844	101.843	ng/ul	98
34) Caprolactam	11.898	113	519113m	76.697	ng/ul	
35) 4-Chloro-3-methylphenol	12.204	107	1534660	73.873	ng/ul	99

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Quant Title : SVOA CALIBRATION
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SSTD080002

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.569	142	3401534	79.693	ng/ul	100
37) 1-Methylnaphthalene	12.786	142	3412146	79.463	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.933	216	1713572	93.618	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	963822	84.558	ng/ul	99
41) 2,4,6-Trichlorophenol	13.169	196	1181756	89.661	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	1269374	90.011	ng/ul	98
43) 1,1'-Biphenyl	13.569	154	4342047	76.704	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	3427260	77.896	ng/ul	100
45) 2-Nitroaniline	13.822	65	1035425	62.073	ng/ul	98
47) Dimethylphthalate	14.186	163	4330057	77.150	ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	934529	86.229	ng/ul	100
50) Acenaphthylene	14.457	152	5546261	78.729	ng/ul	99
51) 3-Nitroaniline	14.639	138	1096981	83.415	ng/ul	100
52) Acenaphthene	14.792	153	3826215	75.944	ng/ul	97
53) 2,4-Dinitrophenol	14.839	184	563861	88.676	ng/ul	98
55) 4-Nitrophenol	14.945	109	538100	51.629	ng/ul	93
56) Dibenzofuran	15.127	168	5115777	77.797	ng/ul	98
57) 2,4-Dinitrotoluene	15.092	165	1321985	83.129	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.351	232	1106524	95.632	ng/ul	96
59) Diethylphthalate	15.545	149	4406225	72.738	ng/ul	99
61) Fluorene	15.774	166	4093611	71.865	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.763	204	1945636	78.298	ng/ul	98
63) 4-Nitroaniline	15.810	138	1103531m	88.291	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.857	198	767363	83.678	ng/ul	95
67) N-Nitrosodiphenylamine	15.974	169	3703809	74.213	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	1292632	100.052	ng/ul	99
69) Hexachlorobenzene	16.774	284	1511747	91.109	ng/ul	97
70) Atrazine	16.927	200	1245944	73.550	ng/ul	99
71) Pentachlorophenol	17.116	266	1000295	91.048	ng/ul	99
72) Phenanthrene	17.510	178	6766840	71.918	ng/ul	99
74) Anthracene	17.604	178	6869159	71.910	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.533	216	1750636	91.107	ng/uL	98
76) Pentachlorobenzene	15.045	250	1868671	91.436	ng/uL	100
77) Carbazole	17.874	167	6549863	72.121	ng/ul	100
78) Di-n-butylphthalate	18.421	149	8034101	61.113	ng/ul	99
80) Fluoranthene	19.515	202	7747722	76.150	ng/ul	99
82) Pyrene	19.880	202	7782299	72.419	ng/ul	100
83) Butylbenzylphthalate	20.756	149	3741470	74.739	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	2520012	80.059	ng/ul	99
85) Benzo(a)anthracene	21.621	228	7642697	72.891	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	5241535	69.301	ng/ul	99
87) Chrysene	21.674	228	7097770	71.935	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	9630457	68.686	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	8570173	76.806	ng/ul	99
91) Benzo(k)fluoranthene	23.421	252	7807115	71.746	ng/ul	99
93) Benzo(a)pyrene	24.021	252	7338106	75.666	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.738	276	8021240	72.096	ng/ul	98
95) Dibenzo(a,h)anthracene	26.762	278	7290746	72.986	ng/ul	99
96) Benzo(g,h,i)perylene	27.556	276	7101836	73.302	ng/ul	99

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

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