Quantitation Report (Qedit)

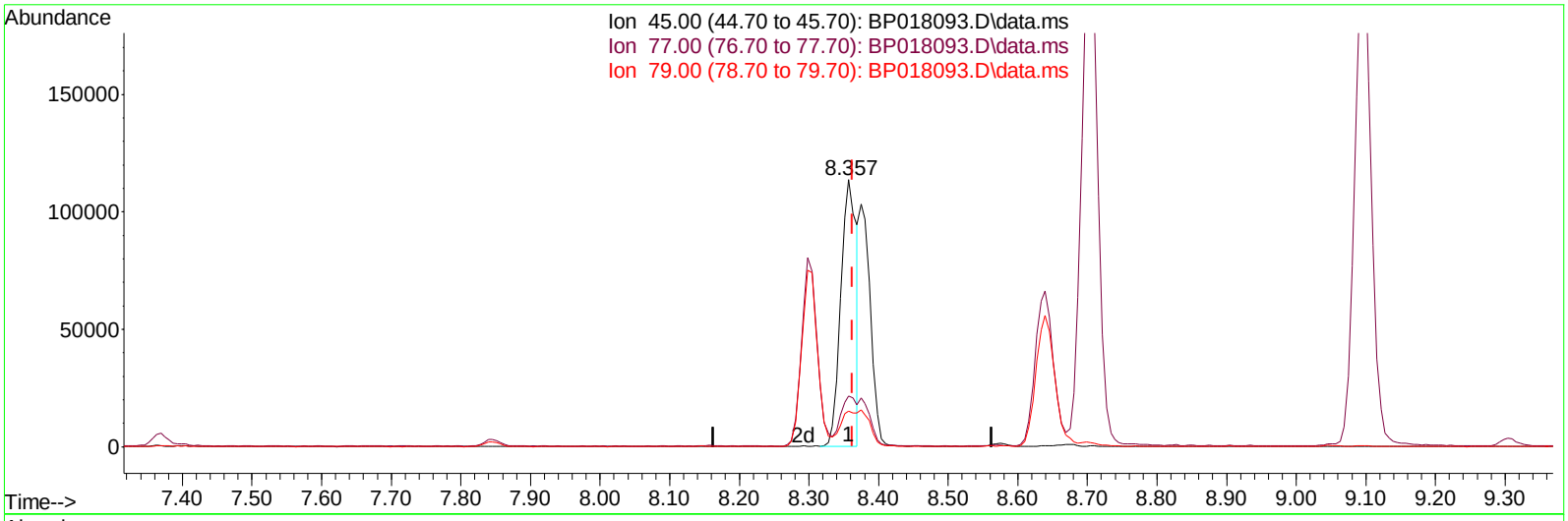
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018093.D
Acq On : 12 Nov 2023 07:03
Operator : MA/JU
Sample : PB156723BS
Misc :
ALS Vial : 72 Sample Multiplier: 1

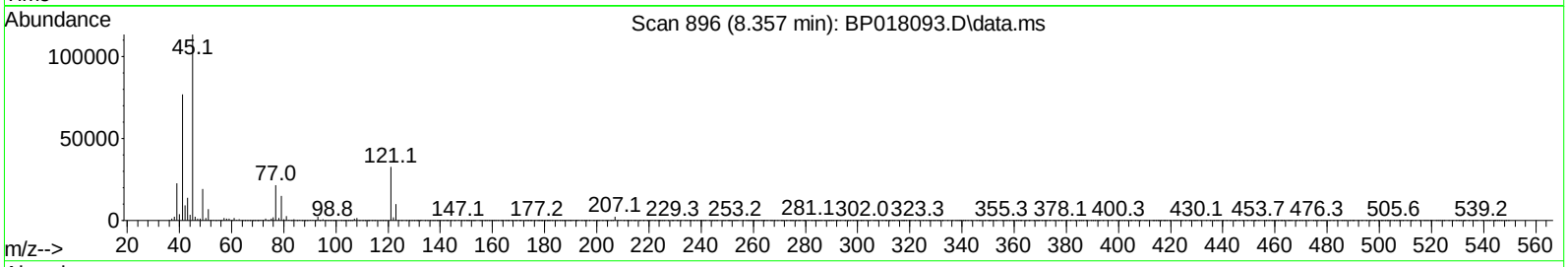
Quant Time: Nov 12 15:30:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

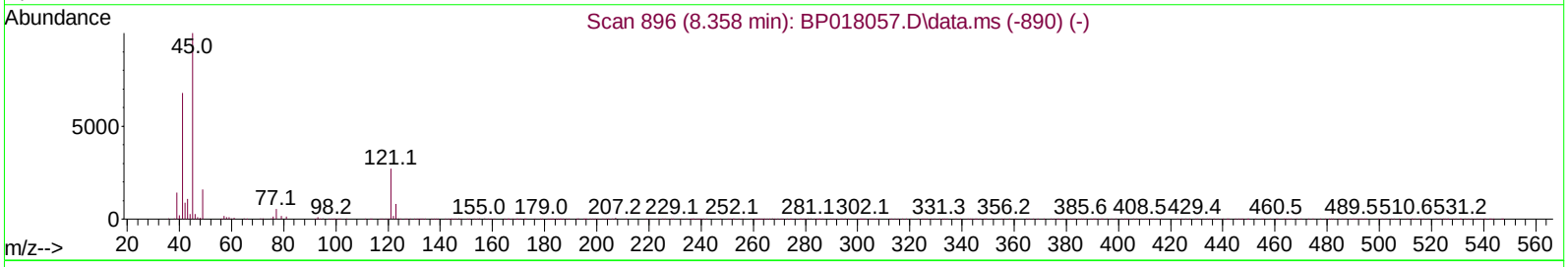
Instrument :
BNA_P
ClientSampleId :
SLCS723

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP018093.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.357min (-0.006) 21.92 ng/ul

response 178247

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.00
79.00	13.90	13.33
0.00	0.00	0.00

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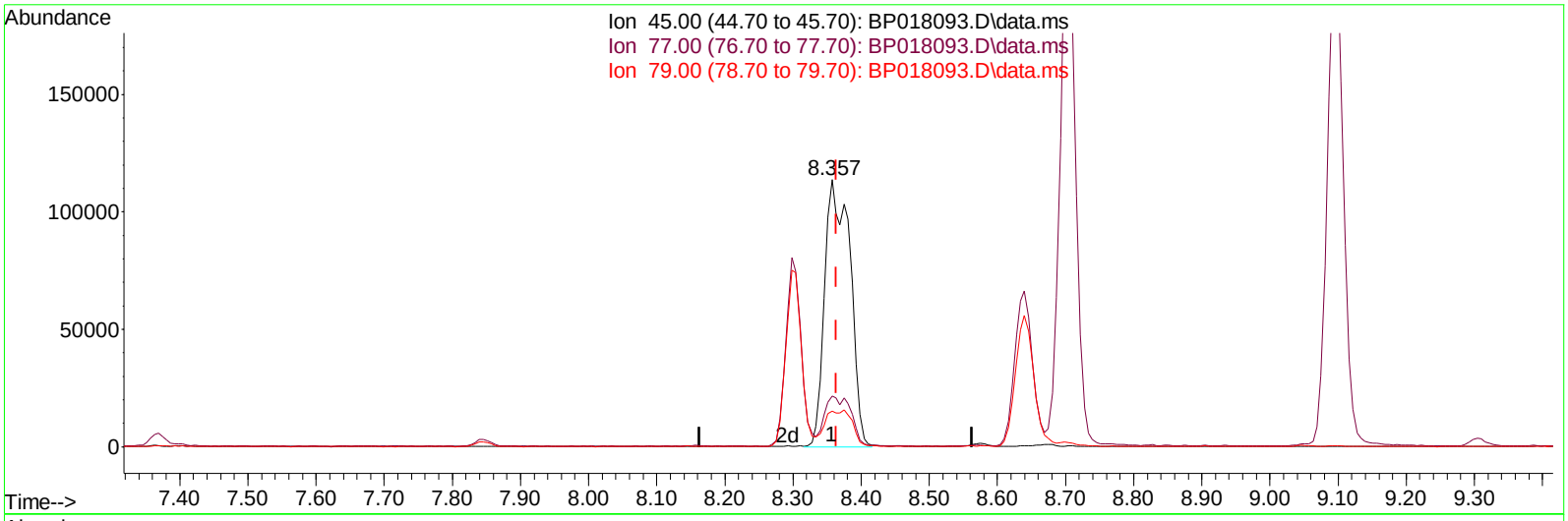

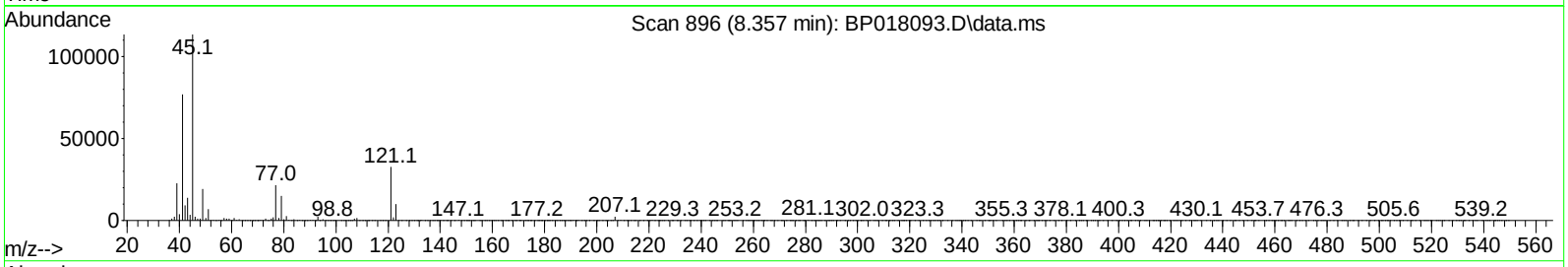

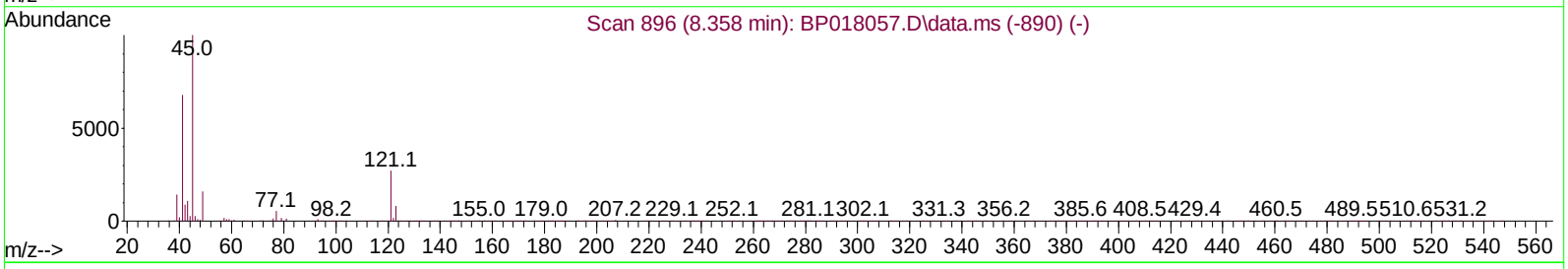

TIC: BP018093.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.357min (-0.006) 36.07 ng/ul m

response 293283

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.00
79.00	13.90	13.33
0.00	0.00	0.00

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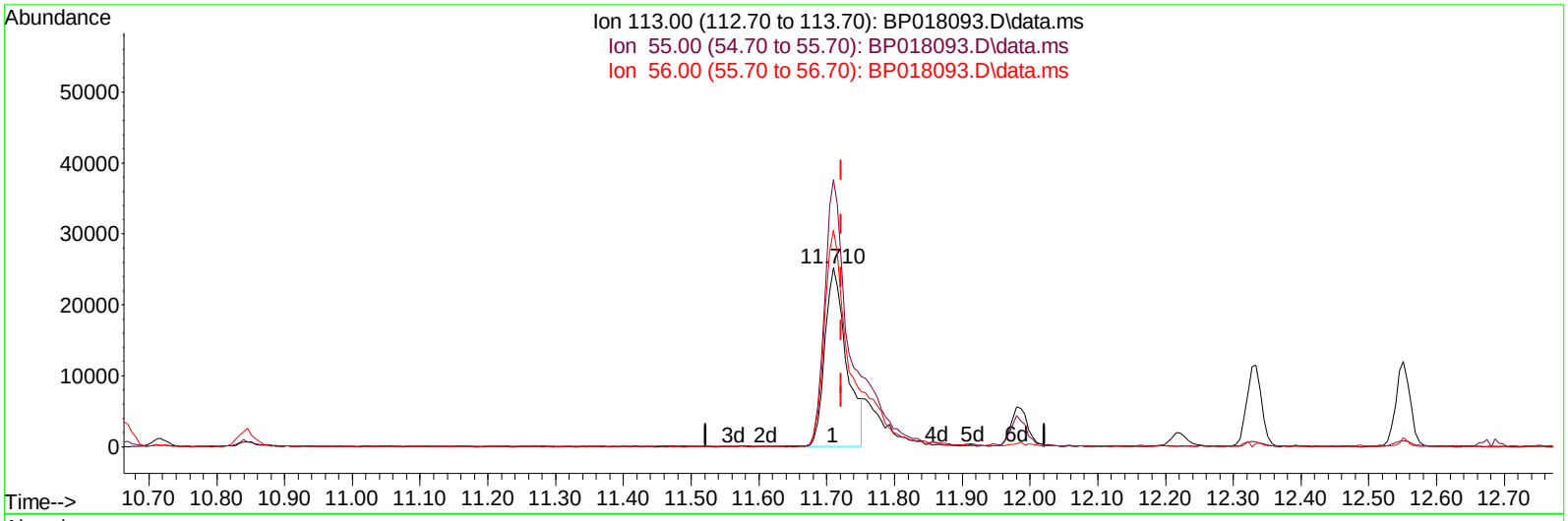

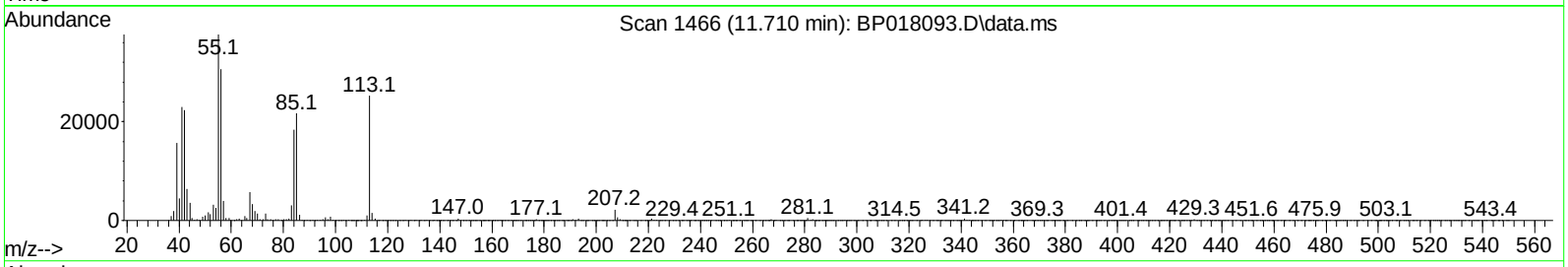

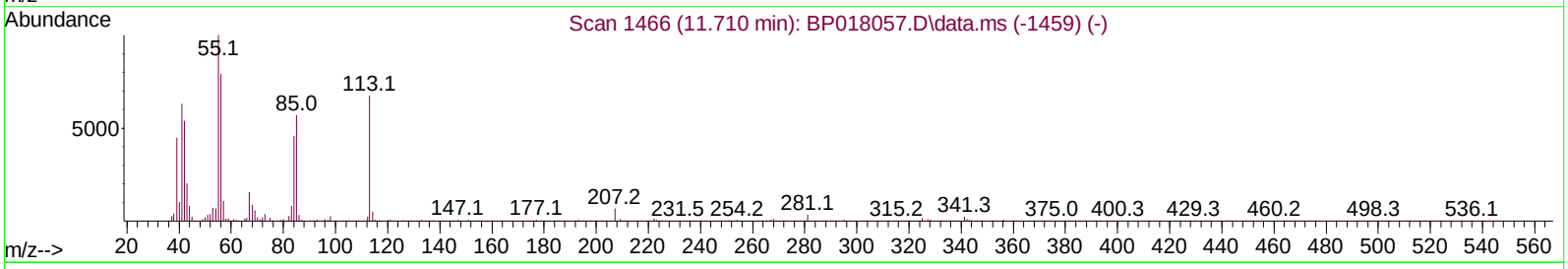

TIC: BP018093.D\data.ms

(34) Caprolactam

11.710min (-0.012) 23.49 ng/ul

response 56063

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	149.24
56.00	119.50	121.29
0.00	0.00	0.00

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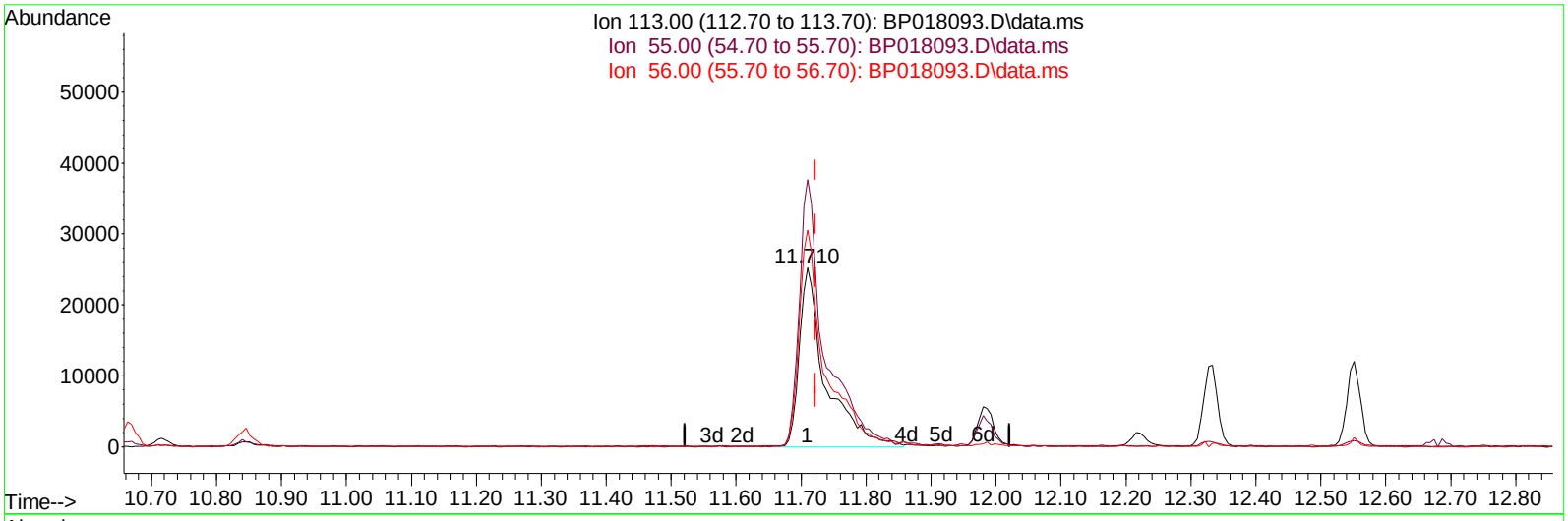

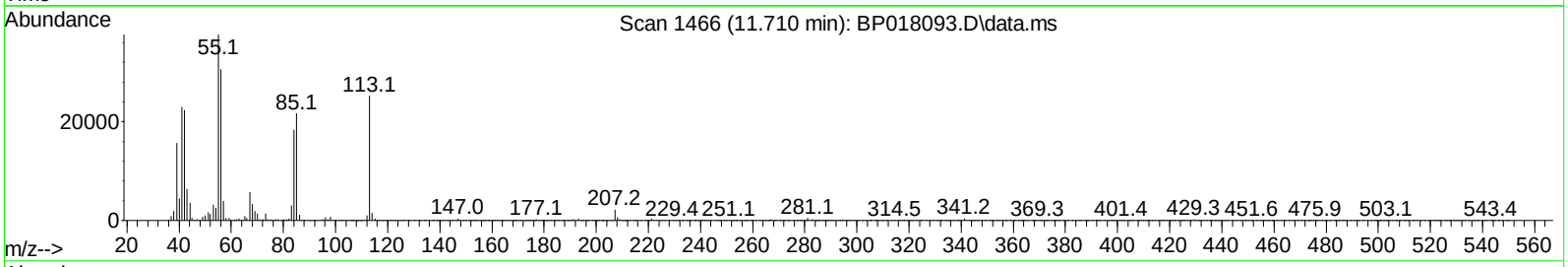

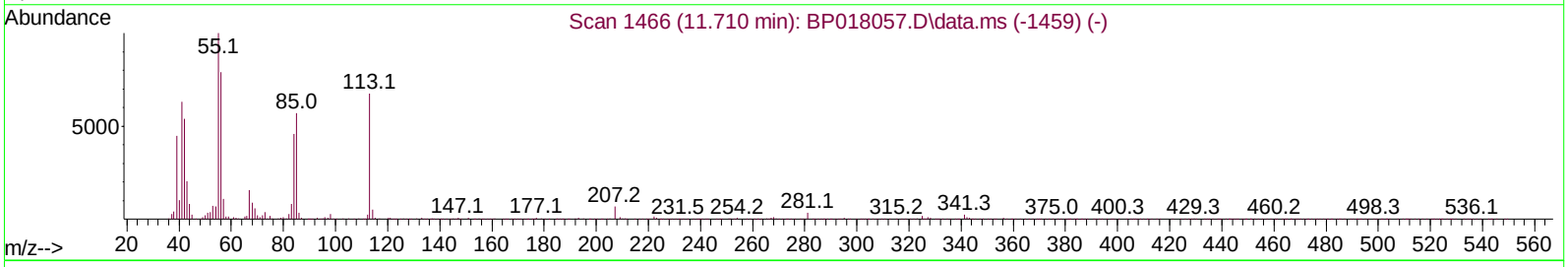

TIC: BP018093.D\data.ms

(34) Caprolactam

11.710min (-0.012) 29.81 ng/ul m

response 71136

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	149.24
56.00	119.50	121.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : PB156723BS
Misc :
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Quant Time: Nov 12 15:31:01 2023
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.845	152	96365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	413518	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	246993	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	465554	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	390754	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	443960	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	15975	5.848	ng/uL	0.00
4) Pyridine-d5	3.657	84	210714	29.584	ng/ul	0.00
7) Phenol-d5	7.016	99	294407	31.645	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	178152	32.585	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	231543	31.428	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	237108	31.102	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	115749	31.069	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	132959	31.501	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	240773	32.006	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	285430	27.668	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	681585	29.908	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	772763	31.132	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	89437	26.263	ng/ul	0.00
60) Fluorene-d10	15.522	176	558093	29.662	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	96012	28.527	ng/ul	0.00
73) Anthracene-d10	17.404	188	782287	31.069	ng/ul	0.00
81) Pyrene-d10	19.657	212	846452	32.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	850379	32.941	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	35662	11.963	ng/uL	96
5) Pyridine	3.681	79	216215	29.413	ng/ul	97
6) Benzaldehyde	7.016	77	176651	35.257	ng/ul	99
8) Phenol	7.045	94	320154	34.884	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.293	93	250675	35.207	ng/ul	98
12) 2-Chlorophenol	7.404	128	256707	34.704	ng/ul	98
13) 2-Methylphenol	8.298	108	241765	34.865	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.357	45	293283m	36.075	ng/ul	
16) Acetophenone	8.704	105	413789	34.147	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.675	70	224864	33.988	ng/ul	97
18) 4-Methylphenol	8.640	108	260058	34.388	ng/ul	99
19) Hexachloroethane	8.898	117	119955	33.894	ng/ul	94
22) Nitrobenzene	9.098	77	347636	34.558	ng/ul	93
23) Isophorone	9.604	82	615236	33.516	ng/ul	100
25) 2-Nitrophenol	9.798	139	149127	34.383	ng/ul	97
26) 2,4-Dimethylphenol	9.839	107	253212	27.445	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.092	93	347268	34.692	ng/ul	98
29) 2,4-Dichlorophenol	10.316	162	248489	34.592	ng/ul	97
30) Naphthalene	10.716	128	837516	33.304	ng/ul	99
32) 4-Chloroaniline	10.869	127	276842	28.016	ng/ul	98
33) Hexachlorobutadiene	10.934	225	179324	34.005	ng/ul	98
34) Caprolactam	11.710	113	71136m	29.809	ng/ul	
35) 4-Chloro-3-methylphenol	11.980	107	283696	32.826	ng/ul	96

Quantitation Report (QT Reviewed)

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.333	142	575489	33.333	ng/ul	95
37) 1-Methylnaphthalene	12.551	142	569181	32.082	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	305314	36.591	ng/ul	98
40) Hexachlorocyclopentadiene	12.622	237	117492	29.172	ng/ul	99
41) 2,4,6-Trichlorophenol	12.951	196	193184	35.294	ng/ul	98
42) 2,4,5-Trichlorophenol	13.028	196	201287	34.942	ng/ul	95
43) 1,1'-Biphenyl	13.351	154	750790	35.747	ng/ul	100
44) 2-Chloronaphthalene	13.398	162	594546	35.656	ng/ul	97
45) 2-Nitroaniline	13.651	65	191755	35.636	ng/ul	97
47) Dimethylphthalate	13.992	163	740745	33.135	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	151799	34.163	ng/ul	99
50) Acenaphthylene	14.251	152	961882	34.323	ng/ul	99
51) 3-Nitroaniline	14.492	138	135165	32.782	ng/ul	96
52) Acenaphthene	14.586	153	631819	34.000	ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	49998	20.626	ng/ul	95
55) 4-Nitrophenol	14.798	109	129926	28.742	ng/ul	96
56) Dibenzofuran	14.927	168	850477	33.397	ng/ul	98
57) 2,4-Dinitrotoluene	14.939	165	210688	31.736	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.151	232	156772	30.593	ng/ul	99
59) Diethylphthalate	15.345	149	754280	32.295	ng/ul	100
61) Fluorene	15.580	166	702164	32.477	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.569	204	355507	33.555	ng/ul	100
63) 4-Nitroaniline	15.669	138	130474	33.533	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.692	198	112221	32.133	ng/ul	97
67) N-Nitrosodiphenylamine	15.804	169	564245	37.791	ng/ul	100
68) 4-Bromophenyl-phenylether	16.474	248	199401	38.002	ng/ul	93
69) Hexachlorobenzene	16.557	284	214093	36.566	ng/ul	96
70) Atrazine	16.763	200	141048	27.082	ng/ul	98
71) Pentachlorophenol	16.933	266	111462	31.362	ng/ul	99
72) Phenanthrene	17.345	178	1012478	35.420	ng/ul	100
74) Anthracene	17.439	178	1006275	34.496	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	300827	42.314	ng/uL	97
76) Pentachlorobenzene	14.816	250	263783	37.901	ng/uL	97
77) Carbazole	17.733	167	878035	34.662	ng/ul	100
78) Di-n-butylphthalate	18.239	149	1114985	34.690	ng/ul	99
80) Fluoranthene	19.327	202	1104480	36.234	ng/ul	99
82) Pyrene	19.686	202	1147792	35.934	ng/ul	99
83) Butylbenzylphthalate	20.551	149	489538	36.443	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	340871	36.513	ng/ul	98
85) Benzo(a)anthracene	21.409	228	1121092	35.531	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	675405	36.468	ng/ul	99
87) Chrysene	21.468	228	1040548	35.250	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	1175337	35.400	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	1143418	36.189	ng/ul	99
91) Benzo(k)fluoranthene	23.203	252	1106060	34.795	ng/ul	99
93) Benzo(a)pyrene	23.821	252	1064512	35.677	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.597	276	1312078	36.664	ng/ul	97
95) Dibenzo(a,h)anthracene	26.615	278	1096537	37.213	ng/ul	99
96) Benzo(g,h,i)perylene	27.421	276	1055672	36.882	ng/ul	96

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

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