Quantitation Report (Qedit)

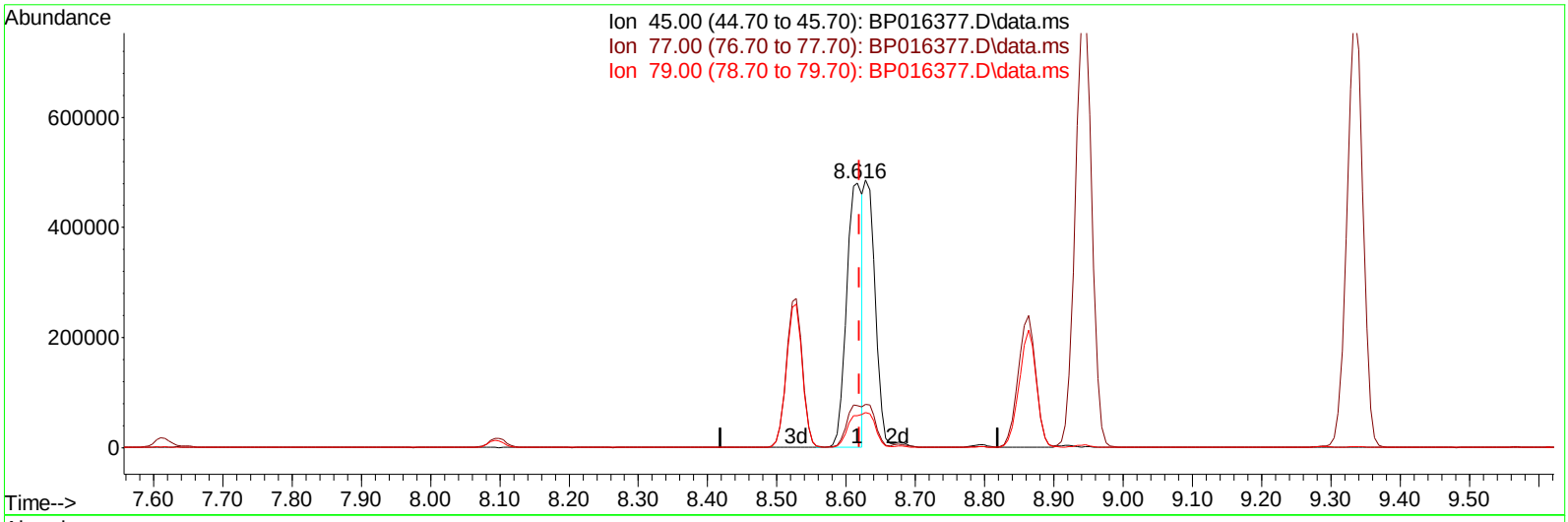
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016377.D
Acq On : 26 Jul 2023 16:23
Operator : MA/JU
Sample : PB154144BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

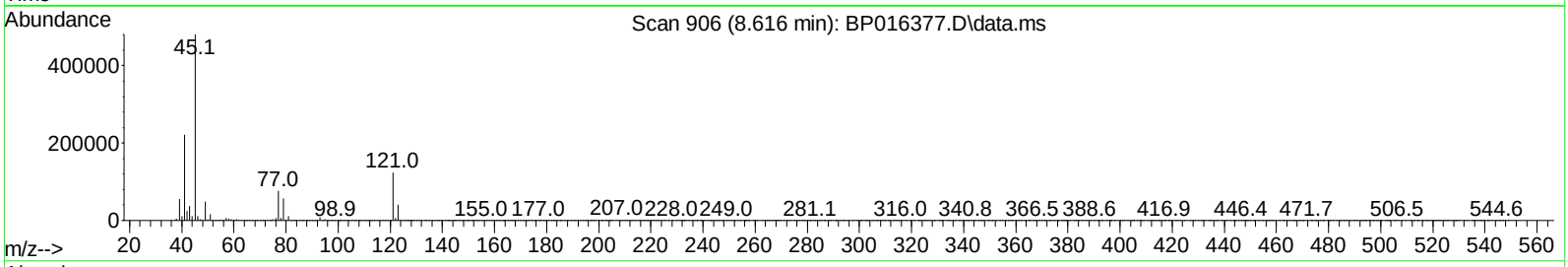
Quant Time: Jul 26 23:44:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

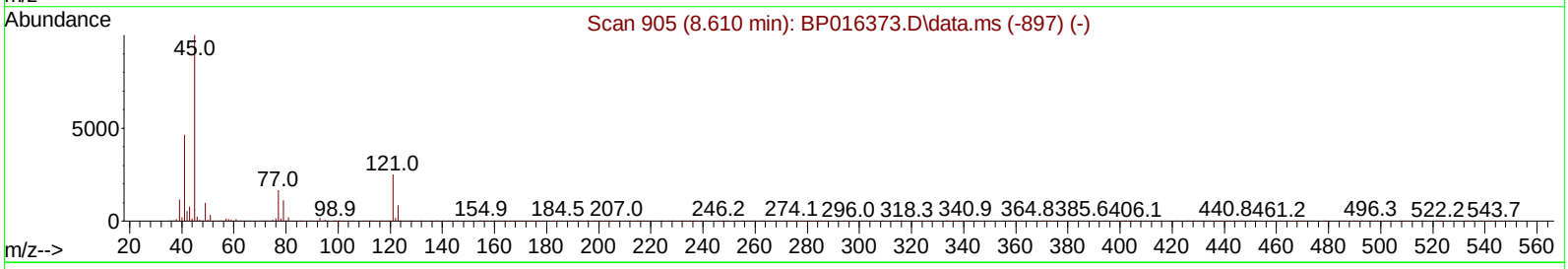
Instrument :
BNA_P
ClientSampleId :
SLCS144

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023







TIC: BP016377.D\data.ms

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

8.616min (-0.003) 11.69 ng/ul

response 755009

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	15.95
79.00	12.00	12.01
0.00	0.00	0.00

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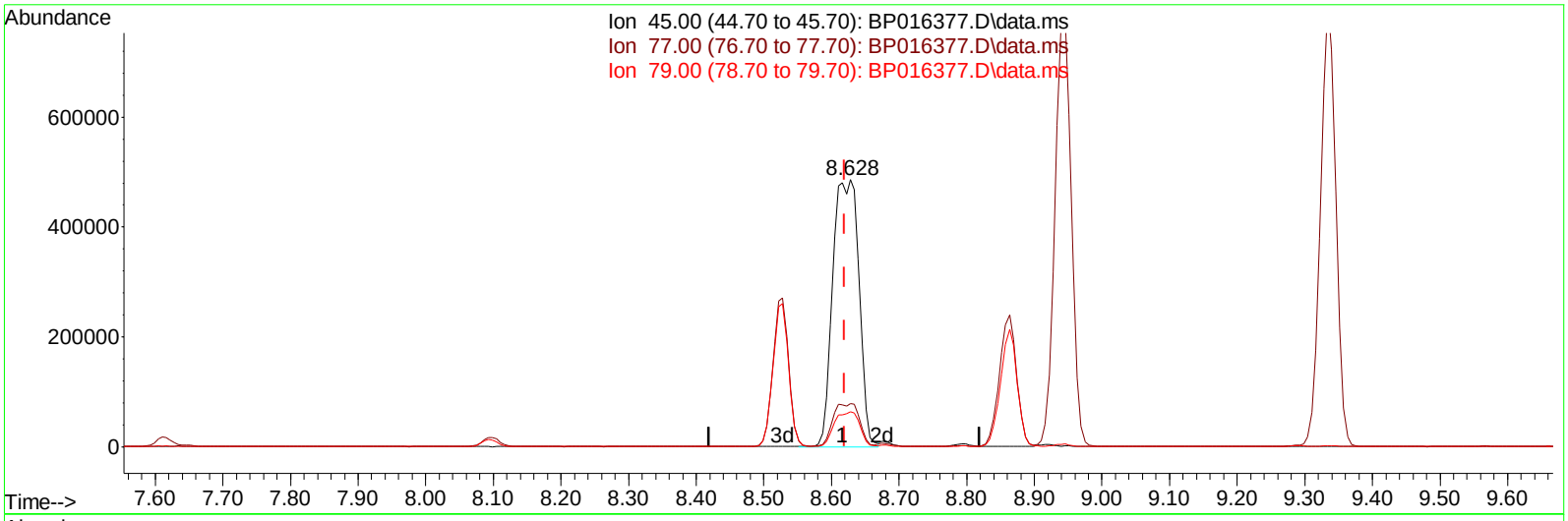

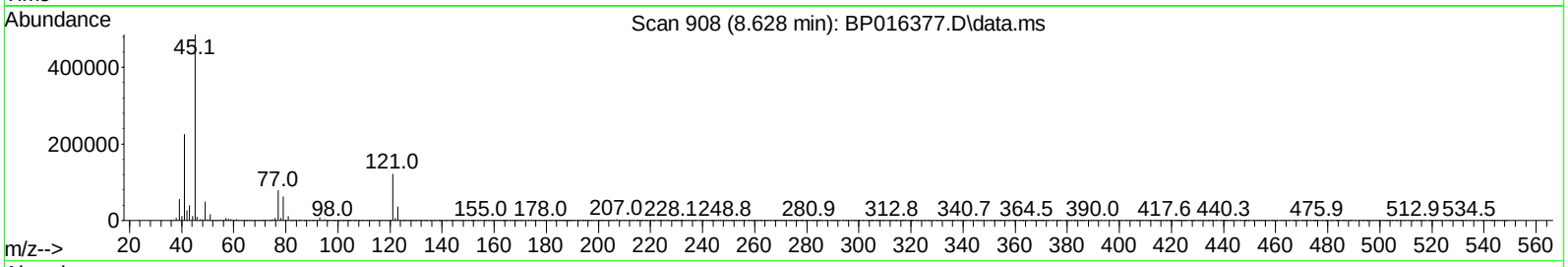

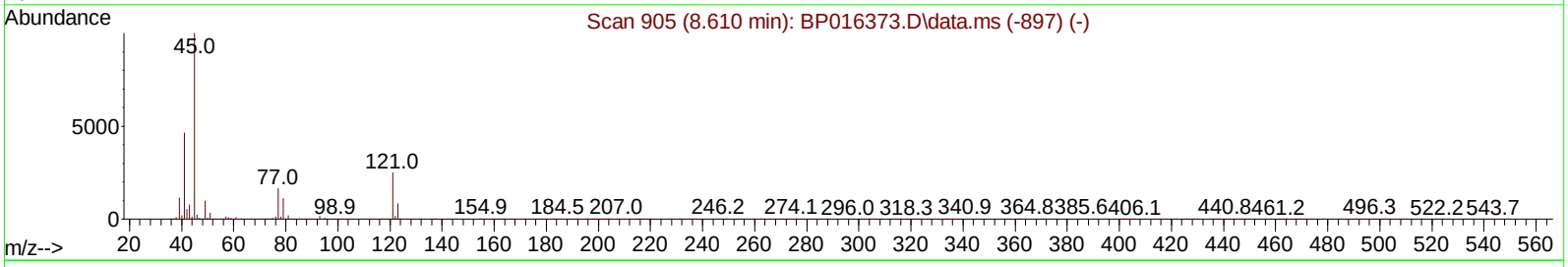

TIC: BP016377.D\data.ms

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

8.628min (+ 0.009) 20.32 ng/ul m

response 1312364

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.22
79.00	12.00	13.00
0.00	0.00	0.00

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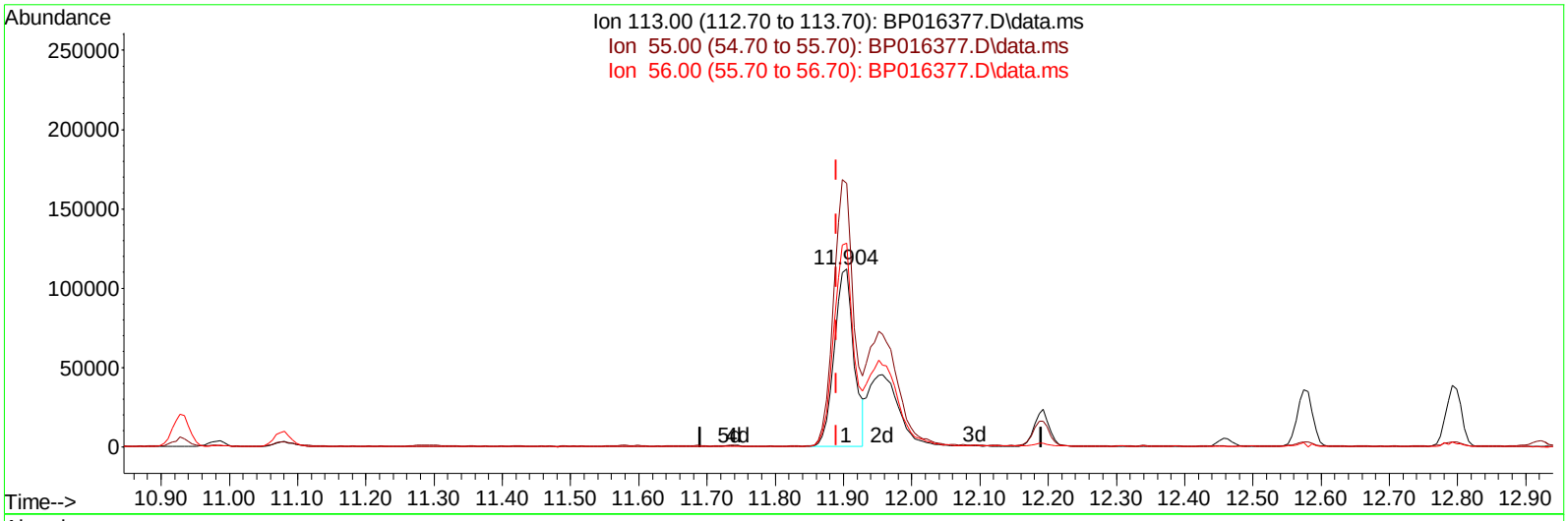

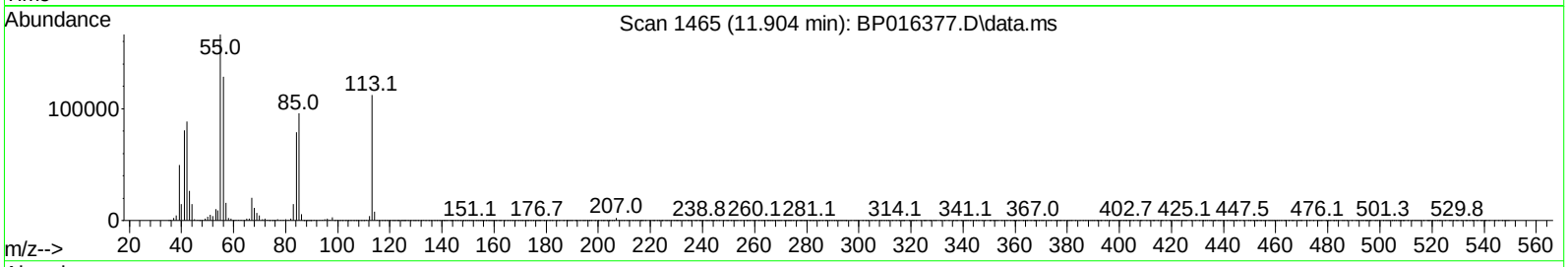

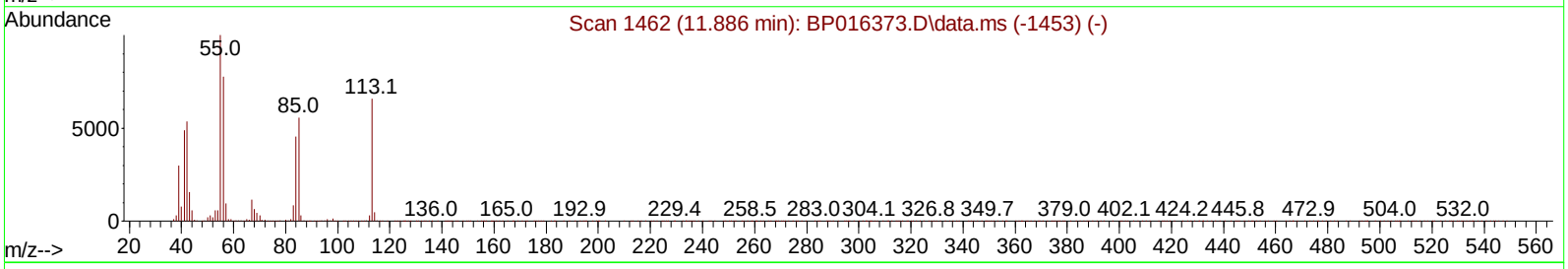

TIC: BP016377.D\data.ms

(34) Caprolactam

11.904min (+ 0.014) 13.27 ng/ul

response 223475

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	148.39
56.00	117.30	114.74
0.00	0.00	0.00

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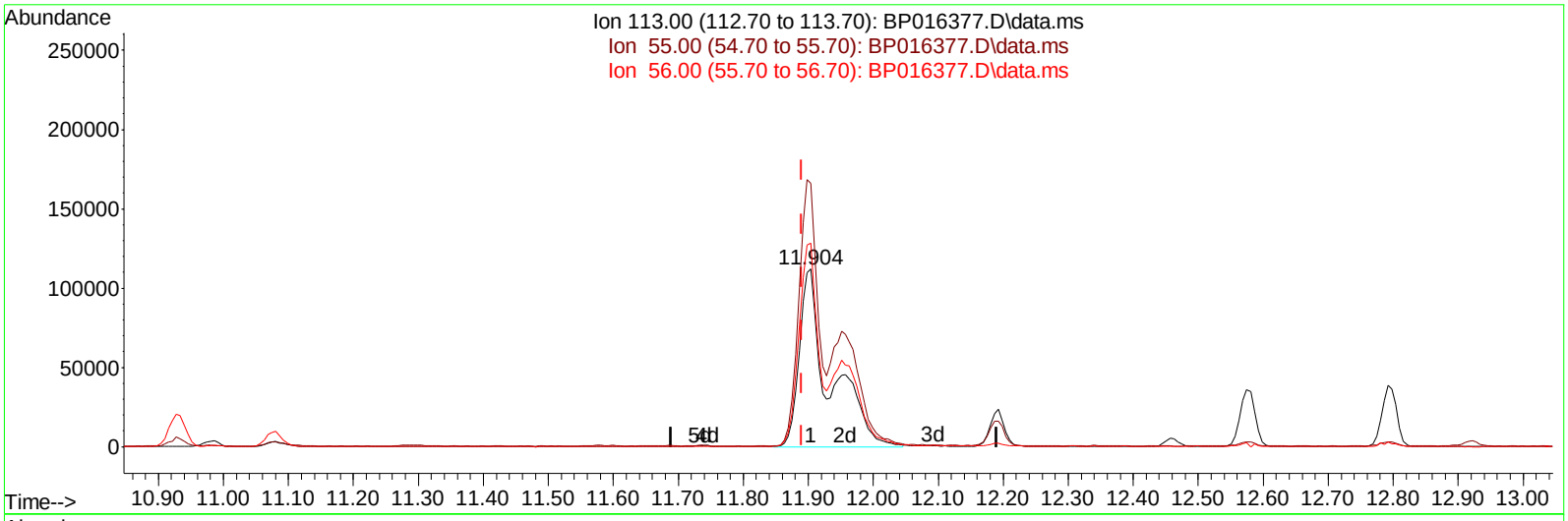

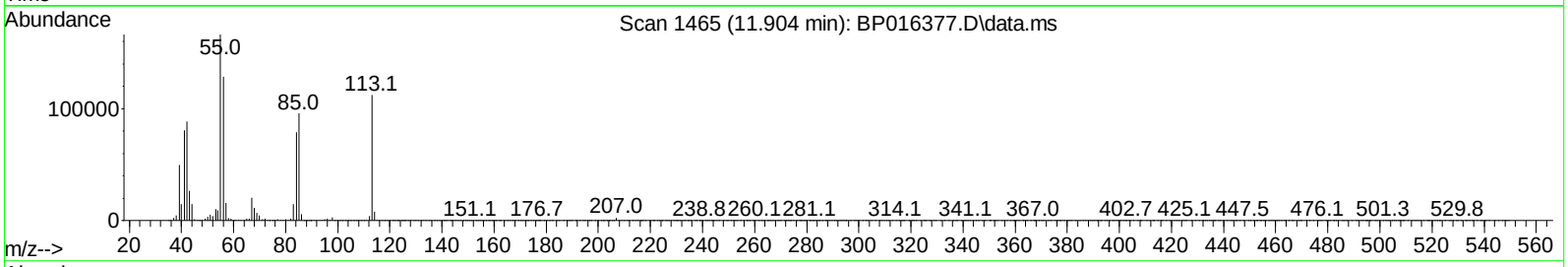

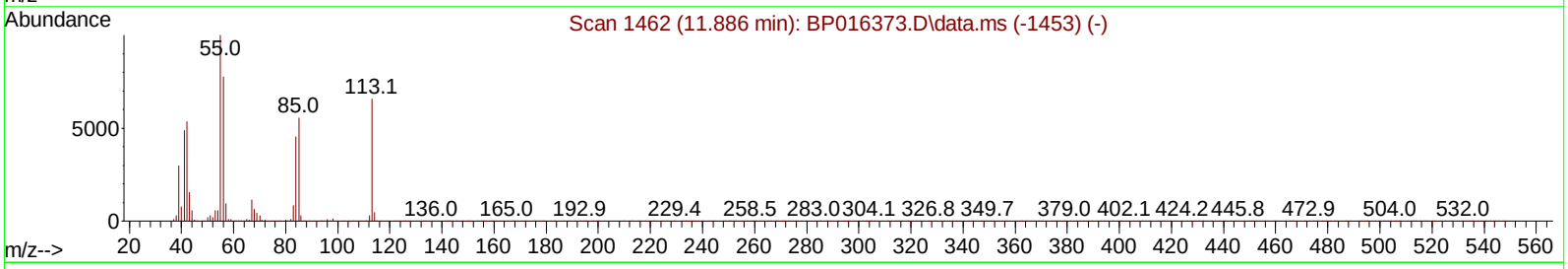

TIC: BP016377.D\data.ms

(34) Caprolactam

11.904min (+ 0.014) 21.68 ng/ul m

response 365208

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	148.39
56.00	117.30	114.74
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	748637	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	3323206	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	2033937	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	4412943	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	3784121	20.000	ng/ul	0.00
88) Perylene-d12	24.204	264	3554722	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	76593	4.034	ng/uL	0.00
4) Pyridine-d5	3.852	84	1121923	20.827	ng/ul	0.00
7) Phenol-d5	7.228	99	1503887	24.005	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	842196	22.392	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	1116542	22.845	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	1139248	22.612	ng/ul	0.00
21) Nitrobenzene-d5	9.293	128	543881	26.578	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	518591	30.727	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	1101938	23.556	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	1532545	21.058	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	3235041	21.732	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	3739862	21.266	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	612214	24.545	ng/ul	0.00
60) Fluorene-d10	15.733	176	2761291	21.805	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	369819	25.443	ng/ul	0.00
73) Anthracene-d10	17.604	188	4130370	21.130	ng/ul	0.00
81) Pyrene-d10	19.827	212	4908090	22.843	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	4020819	23.445	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.463	88	158842	7.890	ng/uL	99
5) Pyridine	3.875	79	1037065	18.922	ng/ul	99
6) Benzaldehyde	7.246	77	800245	23.414	ng/ul	99
8) Phenol	7.257	94	1430498	21.957	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.528	93	1118430	20.956	ng/ul	99
12) 2-Chlorophenol	7.646	128	1087089	21.633	ng/ul	99
13) 2-Methylphenol	8.528	108	1060033	21.220	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1312364m	20.322	ng/ul	
16) Acetophenone	8.946	105	1737166	21.849	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.922	70	870173	21.017	ng/ul	99
18) 4-Methylphenol	8.863	108	1163952	21.808	ng/ul	95
19) Hexachloroethane	9.175	117	434331	20.659	ng/ul	98
22) Nitrobenzene	9.334	77	1267871	23.143	ng/ul	98
23) Isophorone	9.851	82	2499082	20.252	ng/ul	99
25) 2-Nitrophenol	10.040	139	563435	26.755	ng/ul	97
26) 2,4-Dimethylphenol	10.075	107	956129	16.058	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.340	93	1531110	20.580	ng/ul	99
29) 2,4-Dichlorophenol	10.557	162	1041372	22.020	ng/ul	97
30) Naphthalene	10.981	128	3516098	20.428	ng/ul	100
32) 4-Chloroaniline	11.104	127	1445822	20.265	ng/ul	100
33) Hexachlorobutadiene	11.216	225	616100	19.822	ng/ul	98
34) Caprolactam	11.904	113	365208m	21.679	ng/ul	
35) 4-Chloro-3-methylphenol	12.192	107	1164181	22.240	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/27/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.575	142	2370812	20.212	ng/ul	100
37) 1-Methylnaphthalene	12.792	142	2362692	20.146	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.922	216	1218741	20.282	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	506808	11.815	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	797728	22.532	ng/ul	100
42) 2,4,5-Trichlorophenol	13.234	196	891340	23.525	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	3145879	20.484	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	2457079	20.451	ng/ul	100
45) 2-Nitroaniline	13.845	65	704194	28.013	ng/ul	95
47) Dimethylphthalate	14.198	163	3137622	20.901	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	615803	28.466	ng/ul	93
50) Acenaphthylene	14.469	152	3823102	19.082	ng/ul	100
51) 3-Nitroaniline	14.669	138	666655	26.342	ng/ul#	96
52) Acenaphthene	14.804	153	2623446	20.307	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	198392	21.443	ng/ul	94
55) 4-Nitrophenol	14.945	109	465679	23.162	ng/ul	98
56) Dibenzofuran	15.139	168	3626890	20.507	ng/ul	100
57) 2,4-Dinitrotoluene	15.110	165	883192	28.636	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.345	232	720253	23.829	ng/ul	95
59) Diethylphthalate	15.557	149	3206504	21.208	ng/ul	99
61) Fluorene	15.792	166	2954121	20.564	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.781	204	1420104	20.278	ng/ul	99
63) 4-Nitroaniline	15.833	138	649095	27.970	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.863	198	392072	22.563	ng/ul#	99
67) N-Nitrosodiphenylamine	15.998	169	2577262	20.829	ng/ul	100
68) 4-Bromophenyl-phenylether	16.680	248	901675	21.545	ng/ul	99
69) Hexachlorobenzene	16.763	284	1056291	21.048	ng/ul	97
70) Atrazine	16.957	200	909549	20.148	ng/ul	99
71) Pentachlorophenol	17.122	266	579919	20.506	ng/ul	99
72) Phenanthrene	17.545	178	4807335	20.935	ng/ul	99
74) Anthracene	17.639	178	4636830	19.823	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.528	216	1192918	18.727	ng/uL	99
76) Pentachlorobenzene	15.033	250	1158332	20.578	ng/uL	100
77) Carbazole	17.910	167	4519446	22.447	ng/ul	100
78) Di-n-butylphthalate	18.433	149	5561118	21.688	ng/ul	100
80) Fluoranthene	19.498	202	5599655	21.741	ng/ul	97
82) Pyrene	19.857	202	5759997	21.646	ng/ul	100
83) Butylbenzylphthalate	20.721	149	2477893	24.597	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.510	252	1633486	19.640	ng/ul	100
85) Benzo(a)anthracene	21.580	228	5419099	21.143	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	3713886	24.168	ng/ul	99
87) Chrysene	21.639	228	5042322	21.244	ng/ul	100
89) Di-n-octyl phthalate	22.474	149	6216992	27.823	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	4911861	23.073	ng/ul	99
91) Benzo(k)fluoranthene	23.445	252	4963473	23.429	ng/ul	99
93) Benzo(a)pyrene	24.086	252	4169476	20.797	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.986	276	4783217	20.661	ng/ul	98
95) Dibenzo(a,h)anthracene	27.015	278	4005514	20.919	ng/ul	99
96) Benzo(g,h,i)perylene	27.845	276	3791232	20.685	ng/ul	99

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

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