Quantitation Report (Qedit)

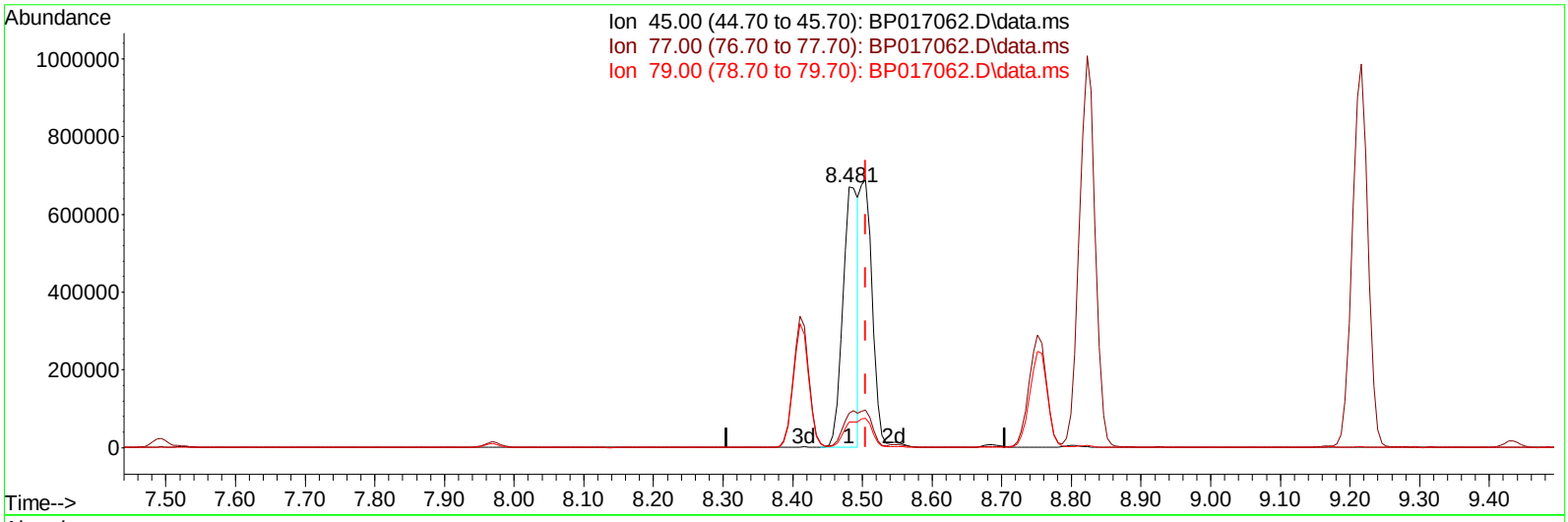
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017062.D
Acq On : 09 Sep 2023 21:31
Operator : MA/JU
Sample : PB155238BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

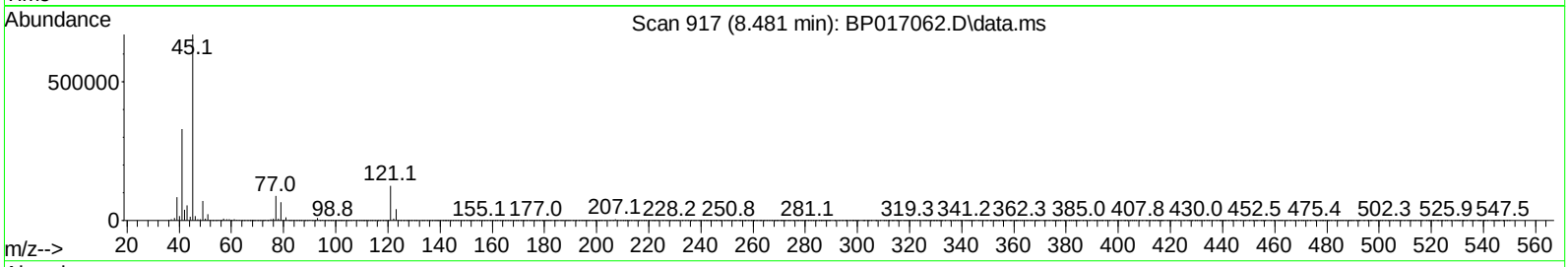
Quant Time: Sep 10 00:52:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

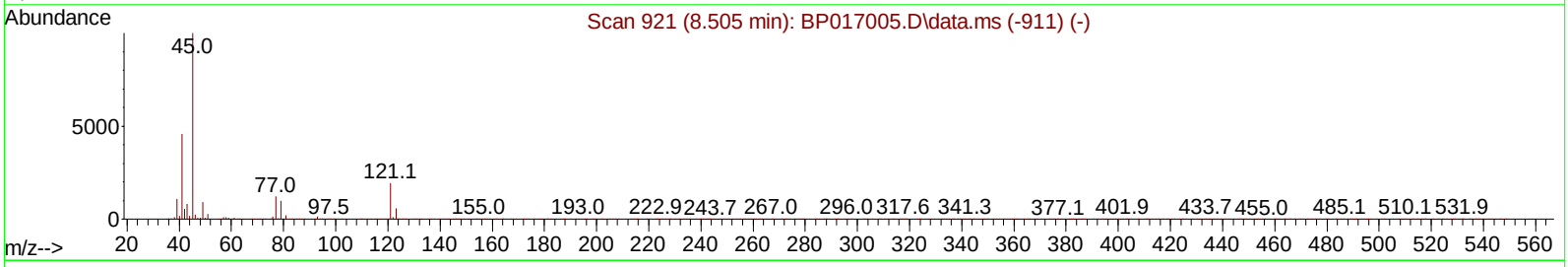
Instrument :
BNA_P
ClientSampleId :
SLCS238

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
Supervised By :mohammad ahmed 09/11/2023







TIC: BP017062.D\data.ms

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

8.481min (-0.024) 20.16 ng/ul

response 1027988

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.23
79.00	11.20	9.87
0.00	0.00	0.00

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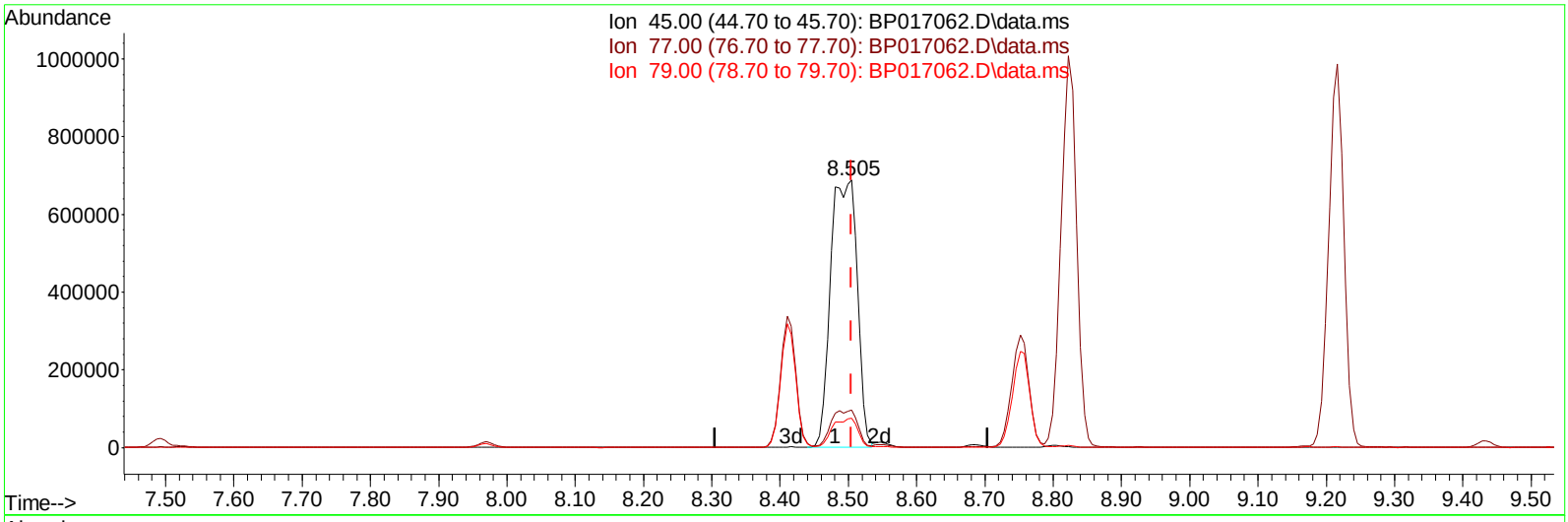

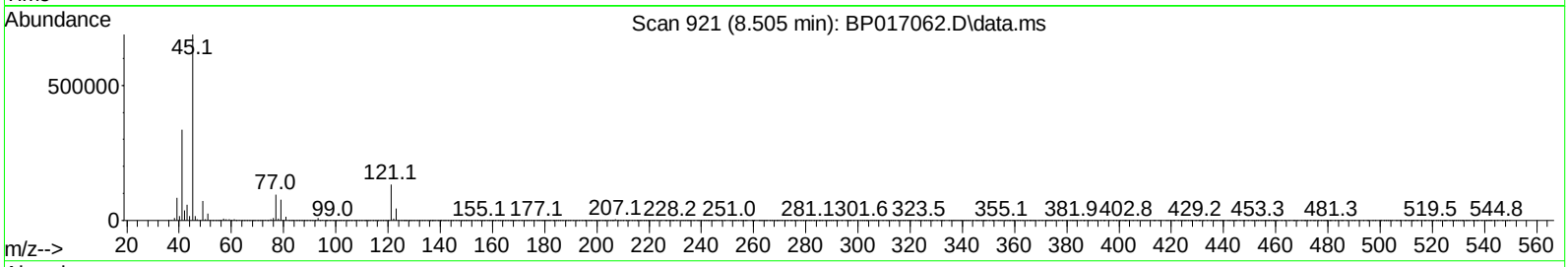

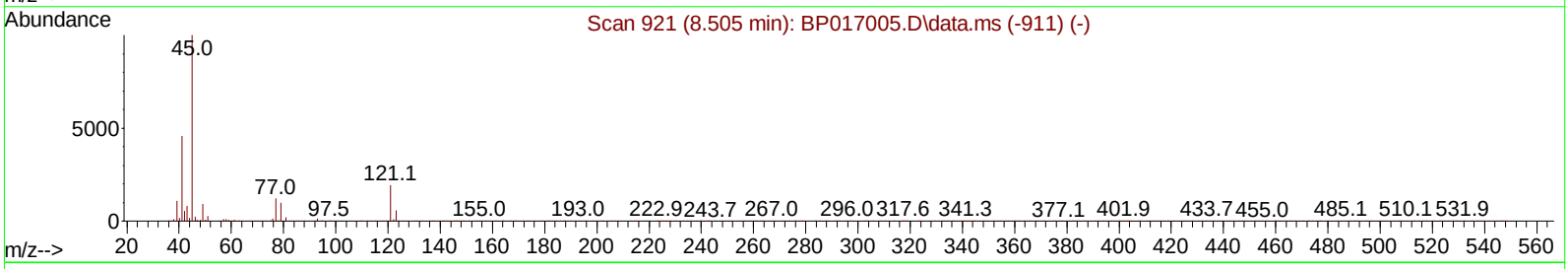

TIC: BP017062.D\data.ms

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

8.505min (-0.000) 36.48 ng/ul m

response 1860385

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	14.03
79.00	11.20	11.05
0.00	0.00	0.00

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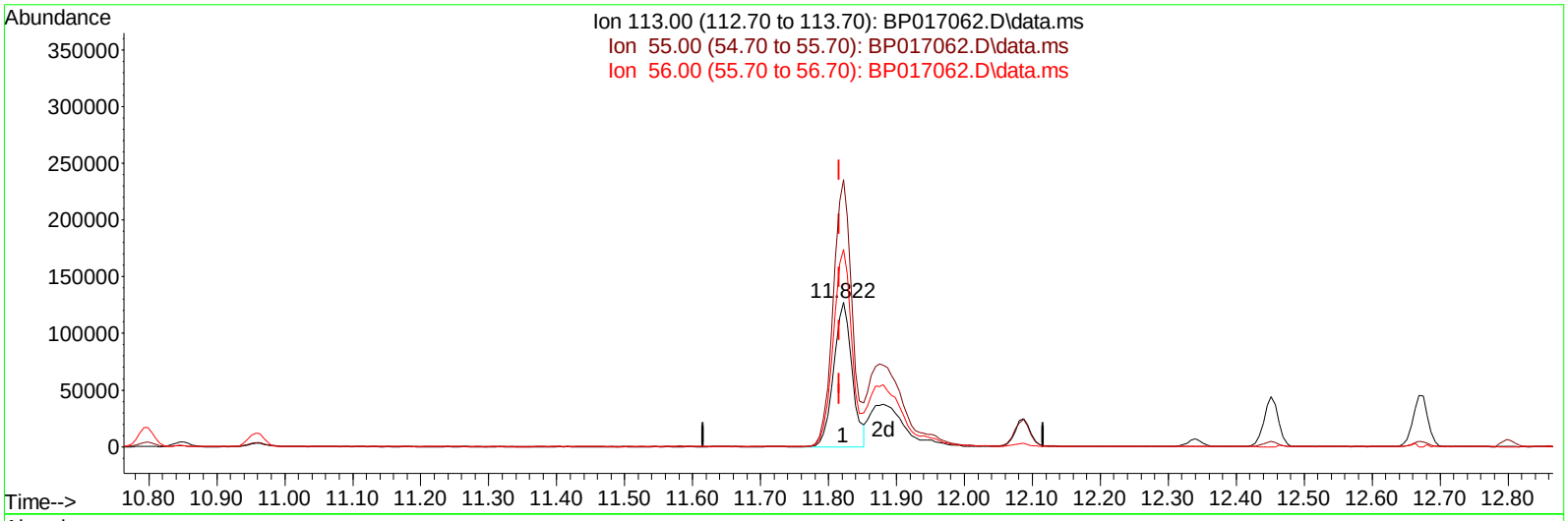

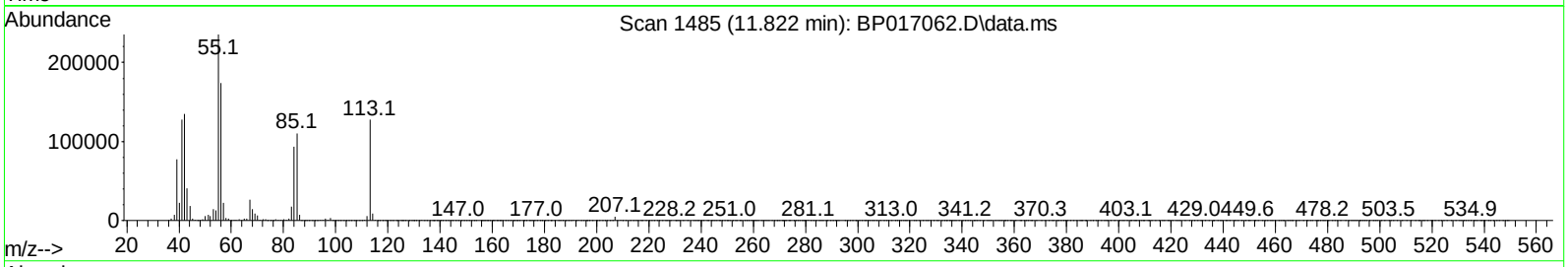

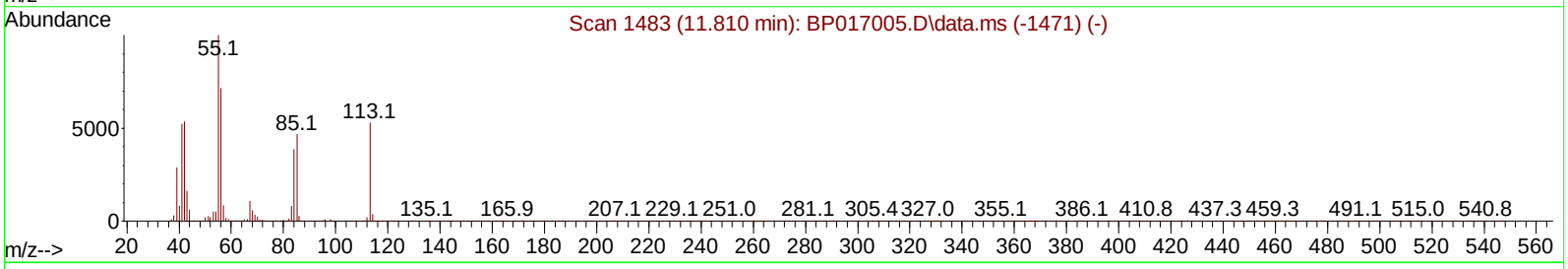

TIC: BP017062.D\data.ms

(34) Caprolactam

11.822min (+ 0.006) 22.11 ng/ul

response 239483

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	184.84
56.00	127.70	136.51
0.00	0.00	0.00

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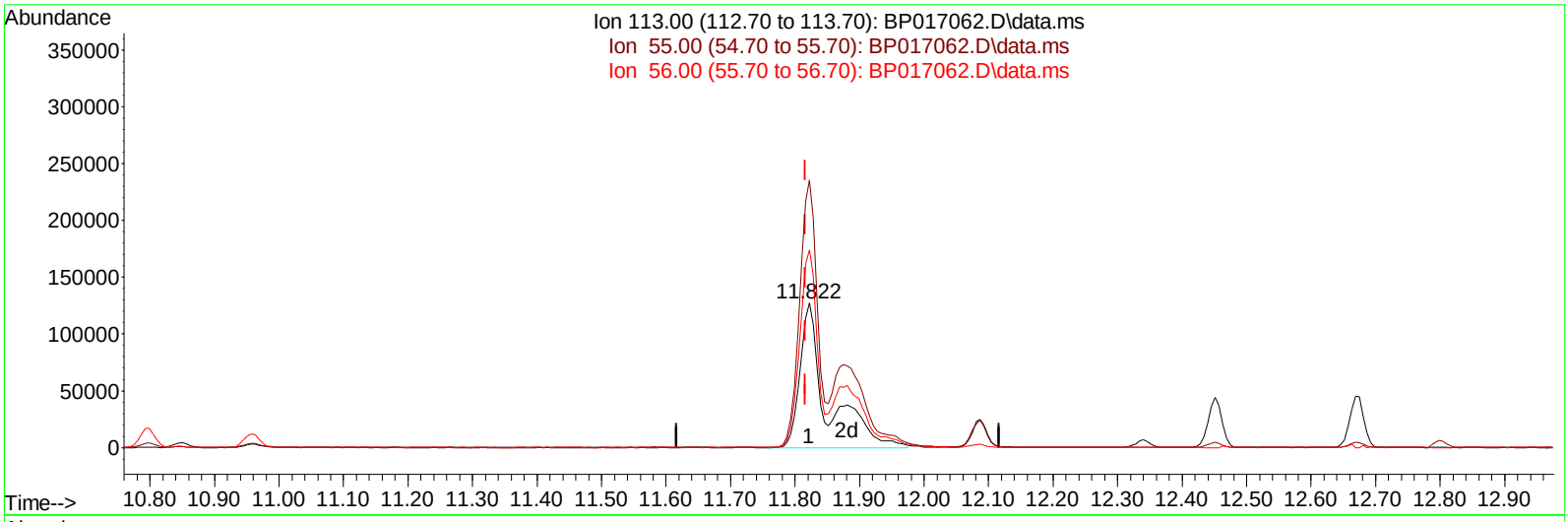

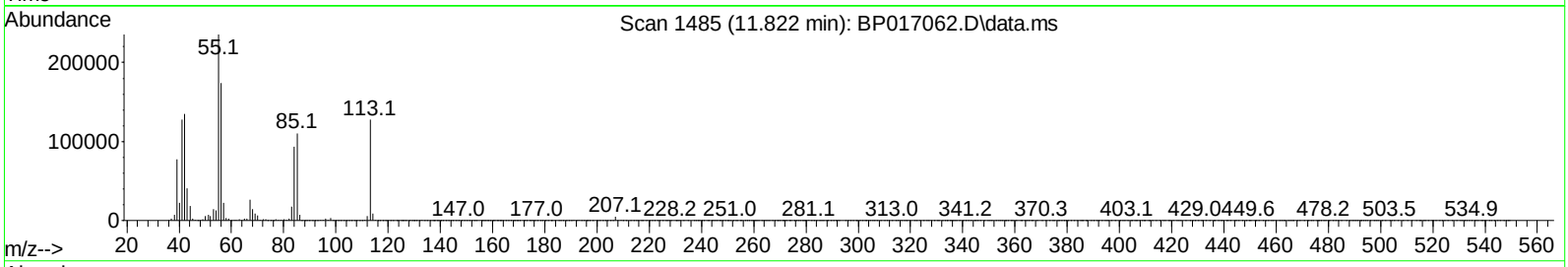

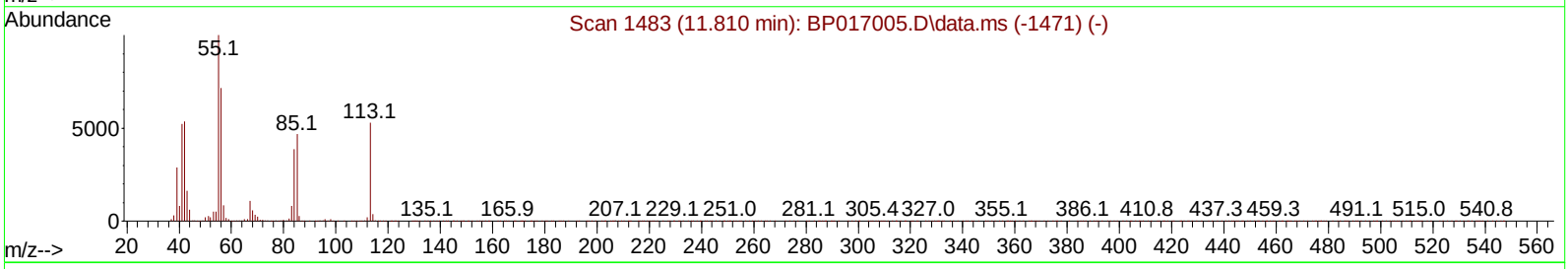

TIC: BP017062.D\data.ms

(34) Caprolactam

11.822min (+ 0.006) 34.45 ng/ul m

response 373037

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	184.84
56.00	127.70	136.51
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 09 Sep 2023 21:31
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Sample : PB155238BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

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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	7.969	152	478475	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	2066618	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	1226406	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	2473511	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	1890602	20.000	ng/ul	0.00
88) Perylene-d12	24.016	264	1565764	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	87203	6.894	ng/uL	0.00
4) Pyridine-d5	3.758	84	1345845	37.236	ng/ul	0.00
7) Phenol-d5	7.122	99	1719768	39.342	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.311	67	1055538	38.604	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	1234145	39.009	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	1253310	37.634	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	598921	37.355	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	659166	37.927	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	1171805	36.520	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1511767	32.656	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3451182	37.804	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	3976992	37.749	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	636046	35.668	ng/ul	0.00
60) Fluorene-d10	15.622	176	2937682	37.585	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	547242	36.764	ng/ul	0.00
73) Anthracene-d10	17.498	188	4144123	36.482	ng/ul	0.00
81) Pyrene-d10	19.728	212	4618887	40.110	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	3182991	40.071	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	177591	13.003	ng/uL	98
5) Pyridine	3.781	79	1289871	33.523	ng/ul	98
6) Benzaldehyde	7.128	77	724651	36.576	ng/ul	99
8) Phenol	7.152	94	1667903	36.724	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.405	93	1272706	35.140	ng/ul	98
12) 2-Chlorophenol	7.522	128	1227298	36.413	ng/ul	97
13) 2-Methylphenol	8.410	108	1161018	34.851	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1860385m	36.483	ng/ul	
16) Acetophenone	8.822	105	1933738	35.983	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.799	70	1064950	37.096	ng/ul	95
18) 4-Methylphenol	8.752	108	1289933	35.505	ng/ul	98
19) Hexachloroethane	9.040	117	505560	36.208	ng/ul	94
22) Nitrobenzene	9.216	77	1549251	36.189	ng/ul	98
23) Isophorone	9.734	82	2902916	36.093	ng/ul	99
25) 2-Nitrophenol	9.916	139	680179	35.546	ng/ul	96
26) 2,4-Dimethylphenol	9.957	107	1007340	25.783	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.216	93	1753780	35.185	ng/ul	100
29) 2,4-Dichlorophenol	10.440	162	1129314	34.535	ng/ul	98
30) Naphthalene	10.852	128	3854164	34.178	ng/ul	100
32) 4-Chloroaniline	10.981	127	1246742	25.878	ng/ul	99
33) Hexachlorobutadiene	11.075	225	603988	30.903	ng/ul	99
34) Caprolactam	11.822	113	373037m	34.446	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	1292232	36.061	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.451	142	2603391	34.935	ng/ul	100
37) 1-Methylnaphthalene	12.669	142	2600885	34.665	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.799	216	1210507	33.501	ng/ul#	97
40) Hexachlorocyclopentadiene	12.751	237	455222	19.444	ng/ul	98
41) 2,4,6-Trichlorophenol	13.057	196	744275	30.264	ng/ul	100
42) 2,4,5-Trichlorophenol	13.128	196	851489	31.821	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	3472463	35.770	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2688796	35.277	ng/ul	99
45) 2-Nitroaniline	13.746	65	926284	40.807	ng/ul	98
47) Dimethylphthalate	14.093	163	3386642	35.356	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	695011	37.362	ng/ul	98
50) Acenaphthylene	14.357	152	4189021	35.510	ng/ul	99
51) 3-Nitroaniline	14.575	138	716050	38.571	ng/ul	98
52) Acenaphthene	14.693	153	2962619	35.995	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	342573	29.702	ng/ul	96
55) 4-Nitrophenol	14.863	109	503236	35.260	ng/ul	94
56) Dibenzofuran	15.028	168	3987015	35.230	ng/ul	98
57) 2,4-Dinitrotoluene	15.016	165	1019627	38.184	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.245	232	546524	25.332	ng/ul	97
59) Diethylphthalate	15.445	149	3481126	36.368	ng/ul	100
61) Fluorene	15.681	166	3375884	36.181	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	1592044	35.307	ng/ul	95
63) 4-Nitroaniline	15.745	138	710937	43.556	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.769	198	524515	33.633	ng/ul	91
67) N-Nitrosodiphenylamine	15.898	169	2754503	36.931	ng/ul	99
68) 4-Bromophenyl-phenylether	16.575	248	866677	35.219	ng/ul	98
69) Hexachlorobenzene	16.657	284	923013	34.217	ng/ul	97
70) Atrazine	16.845	200	13224	0.518	ng/ul	100
71) Pentachlorophenol	17.016	266	378178	21.498	ng/ul	99
72) Phenanthrene	17.439	178	5017515	36.505	ng/ul	99
74) Anthracene	17.534	178	4776093	34.567	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	1237303	35.117	ng/uL	98
76) Pentachlorobenzene	14.922	250	2909573	85.730	ng/uL	99
77) Carbazole	17.816	167	4500584	36.248	ng/ul	99
78) Di-n-butylphthalate	18.322	149	5879853	38.655	ng/ul	99
80) Fluoranthene	19.404	202	5416220	37.668	ng/ul	100
82) Pyrene	19.757	202	5558037	37.229	ng/ul	96
83) Butylbenzylphthalate	20.616	149	2509221	40.642	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.410	252	1328182	31.655	ng/ul	98
85) Benzo(a)anthracene	21.474	228	4861810	36.513	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.351	149	3544639	41.558	ng/ul	99
87) Chrysene	21.527	228	4419790	35.485	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	5571997	42.452	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	4018712	36.735	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	3964698	37.425	ng/ul	99
93) Benzo(a)pyrene	23.910	252	3361560	36.841	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.704	276	3805803	37.575	ng/ul	98
95) Dibenzo(a,h)anthracene	26.727	278	3212305	38.426	ng/ul	98
96) Benzo(g,h,i)perylene	27.545	276	2970375	37.215	ng/ul	97

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

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