Quantitation Report (Qedit)

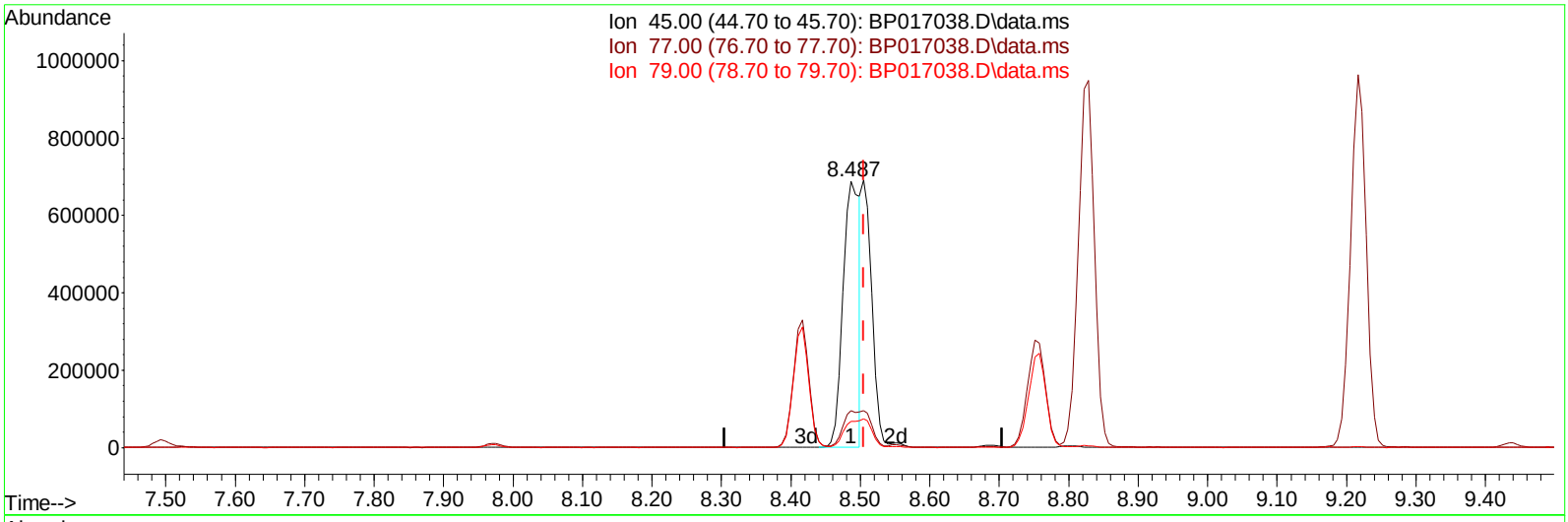
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017038.D
Acq On : 09 Sep 2023 06:34
Operator : MA/JU
Sample : PB155198BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

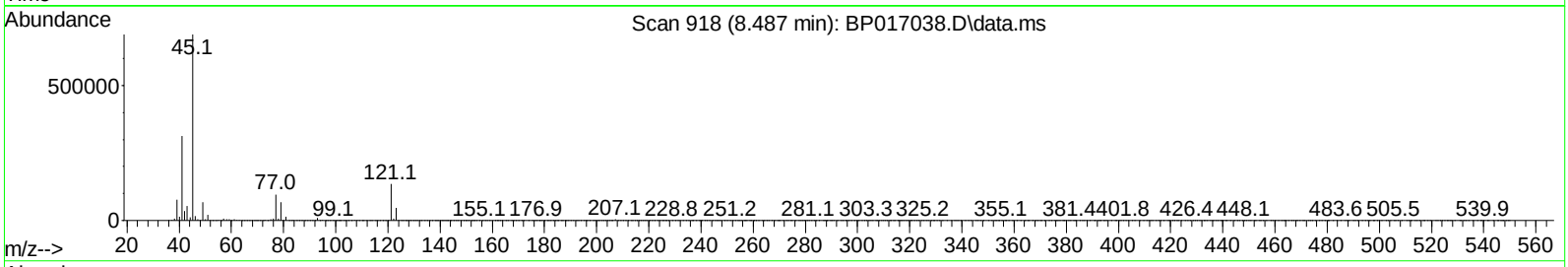
Quant Time: Sep 09 23:36:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 01:41:21 2023
Response via : Initial Calibration

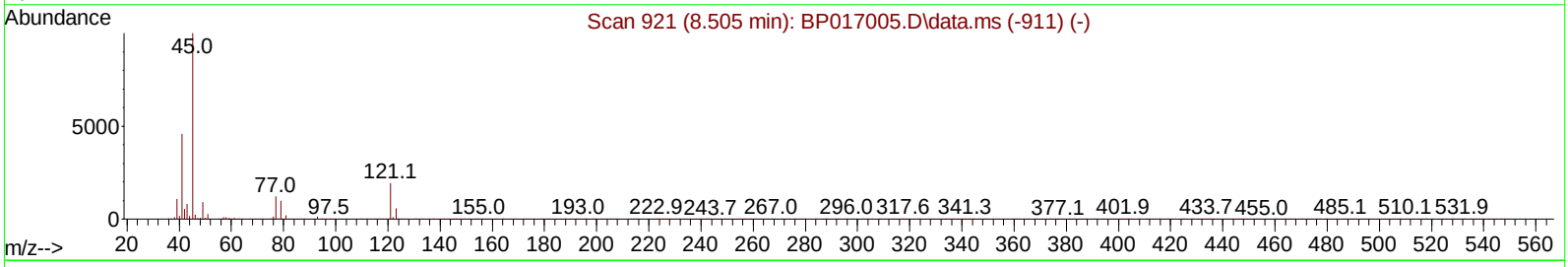
Instrument :
BNA_P
ClientSampleId :
SLCS198

Manual IntegrationsAPPROVED

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







TIC: BP017038.D\data.ms

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

8.487min (-0.018) 27.73 ng/ul

response 1152537

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.95
79.00	11.20	9.77
0.00	0.00	0.00

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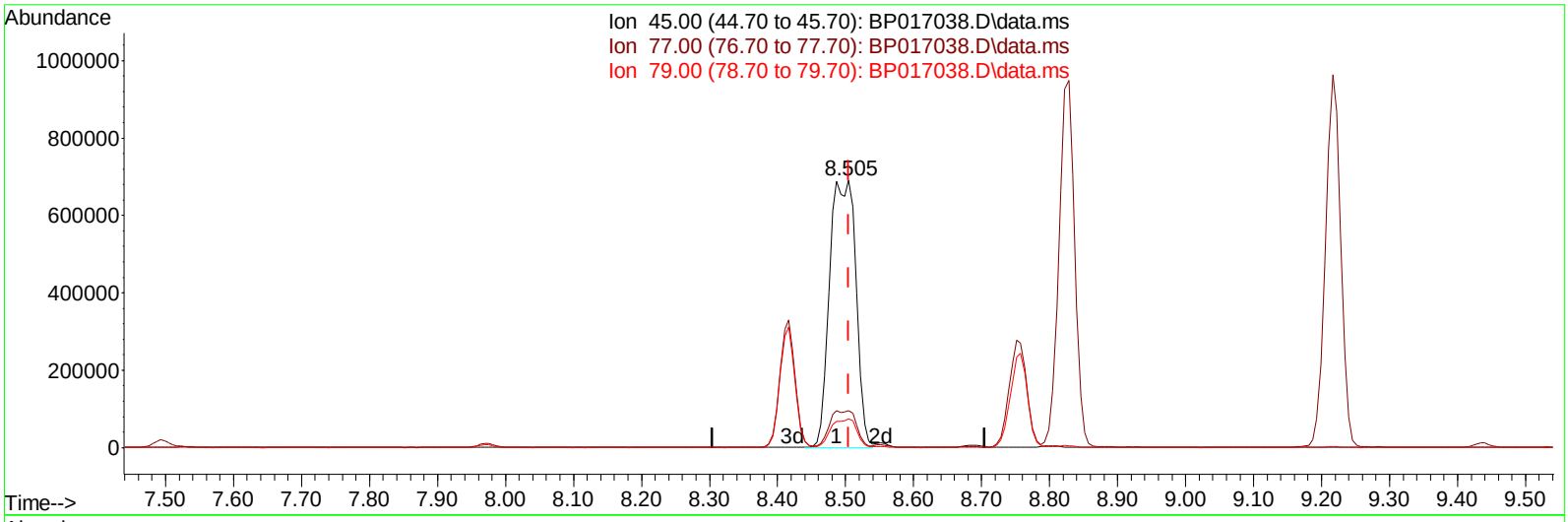

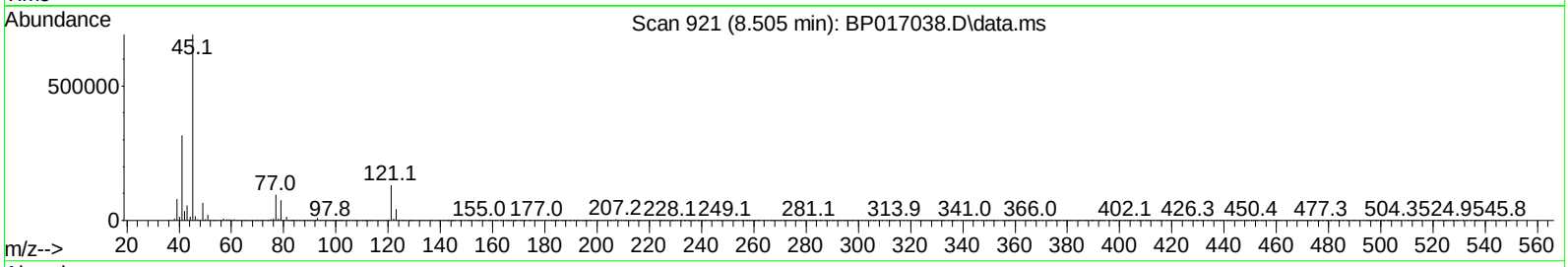

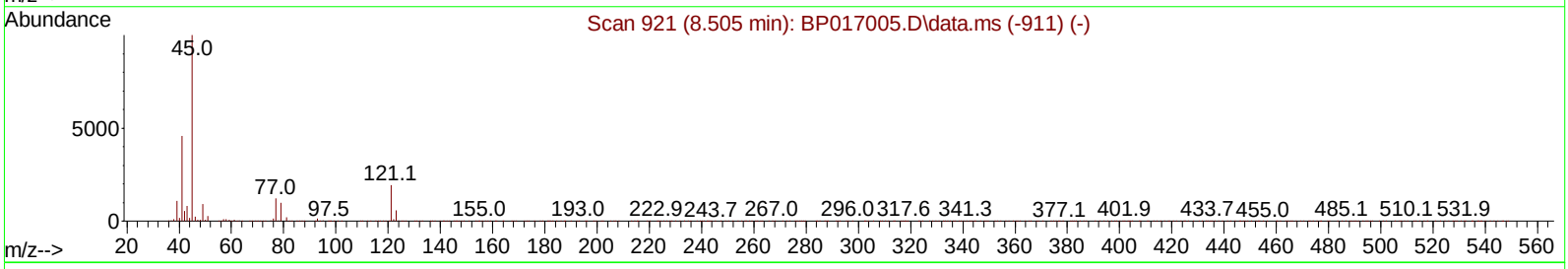

TIC: BP017038.D\data.ms

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

8.505min (-0.000) 44.59 ng/ul m

response 1853449

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.81
79.00	11.20	10.77
0.00	0.00	0.00

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Acq On : 09 Sep 2023 06:34
Operator : MA/JU
Sample : PB155198BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Sep 09 23:37:42 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
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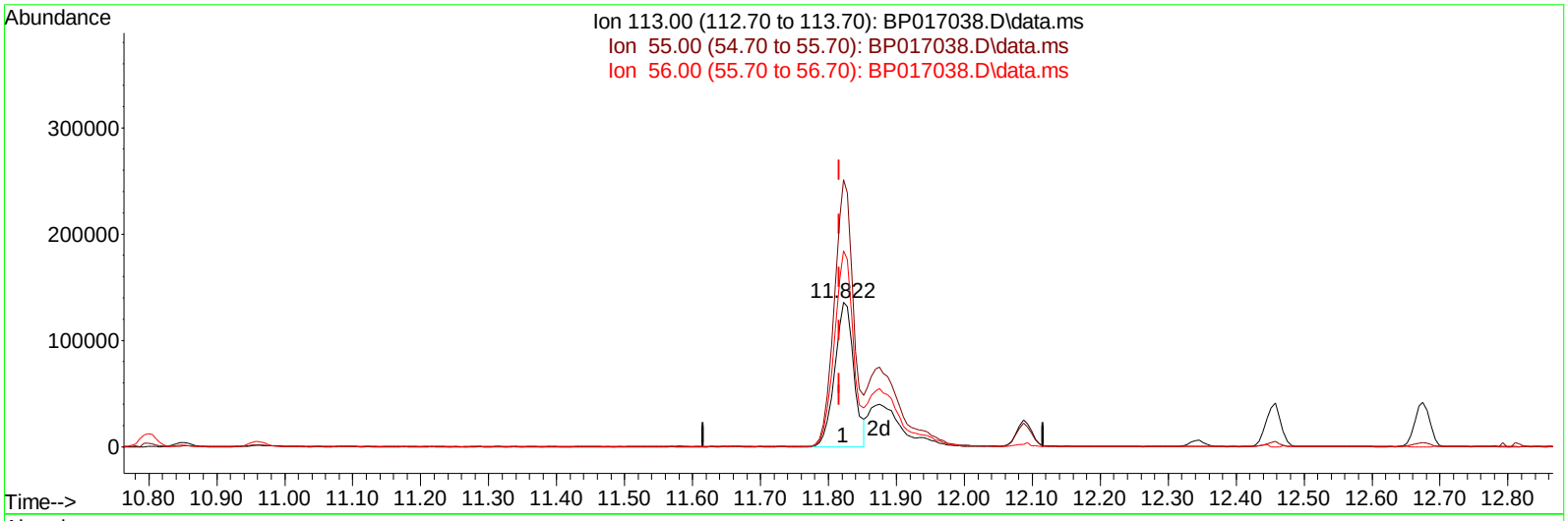

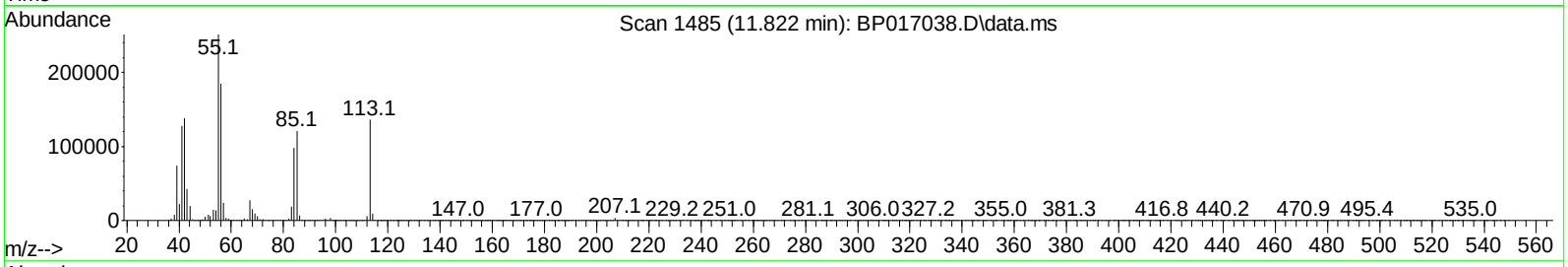

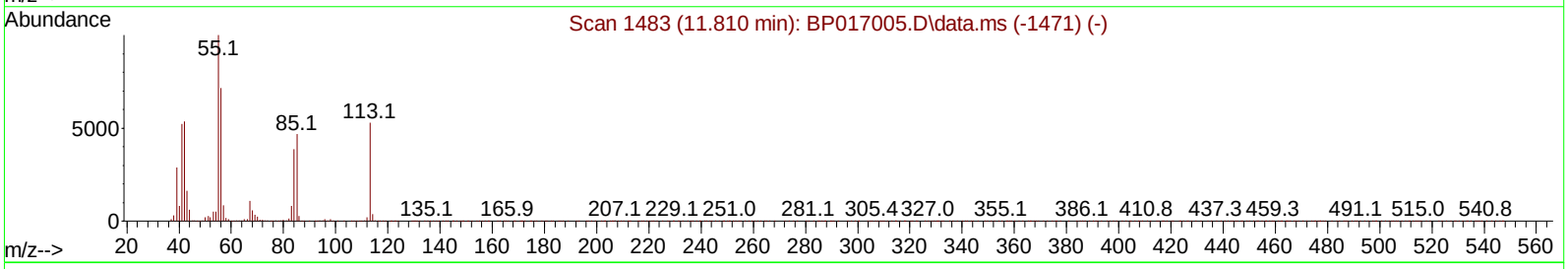

TIC: BP017038.D\data.ms

(34) Caprolactam

11.822min (+ 0.006) 30.42 ng/ul

response 264330

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	184.87
56.00	127.70	136.00
0.00	0.00	0.00

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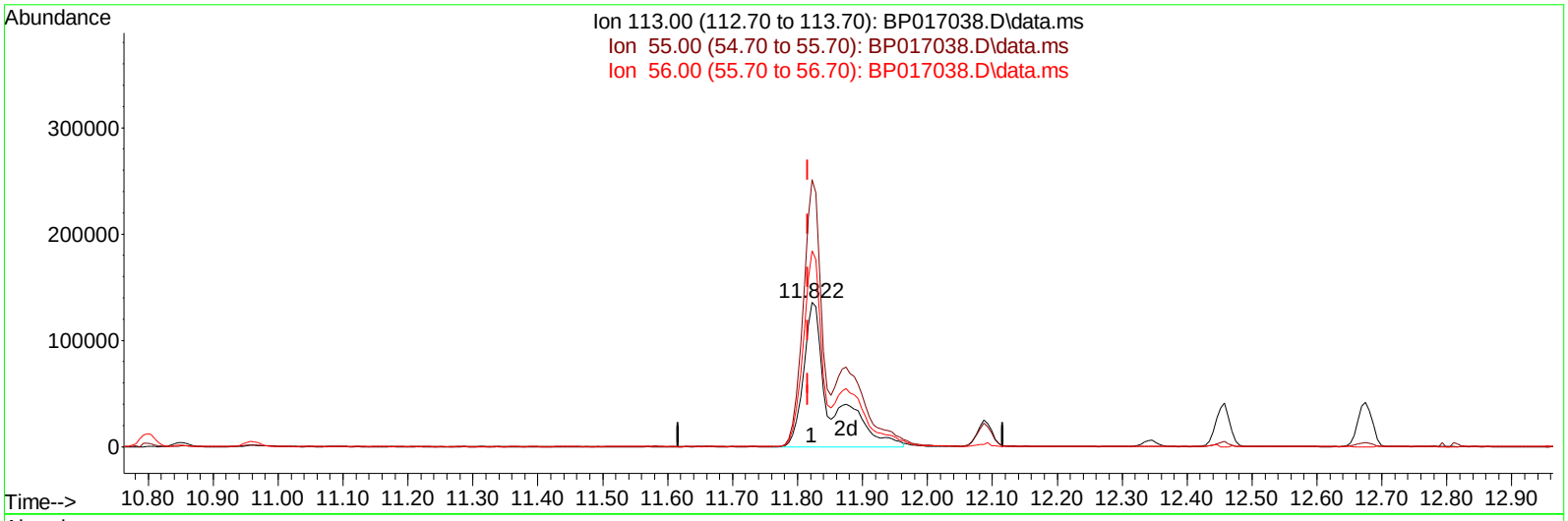

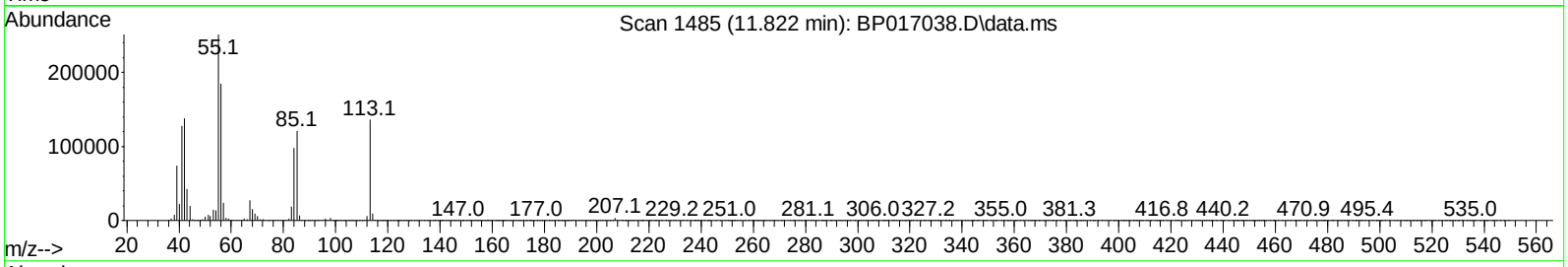

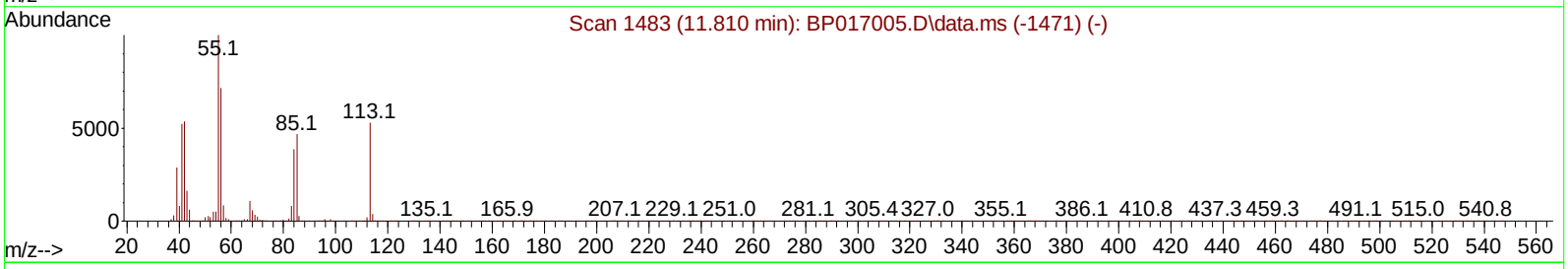

TIC: BP017038.D\data.ms

(34) Caprolactam

11.822min (+ 0.006) 45.92 ng/ul m

response 399004

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	184.87
56.00	127.70	136.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/11/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	390034	20.000	ng/ul	0.00
20) Naphthalene-d8	10.799	136	1658307	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	976282	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1992504	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	1558449	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1427537	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	83824	8.129	ng/uL	0.00
4) Pyridine-d5	3.764	84	877569	29.785	ng/ul	0.00
7) Phenol-d5	7.122	99	1519352	42.638	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	945868	42.437	ng/ul	0.00
11) 2-Chlorophenol-d4	7.493	132	1115179	43.242	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	1150478	42.380	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	545610	42.409	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	611682	43.860	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	1087560	42.240	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	681339	18.342	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3180411	43.764	ng/ul	0.00
49) Acenaphthylene-d8	14.328	160	3600805	42.934	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	597451	42.087	ng/ul	0.00
60) Fluorene-d10	15.628	176	2653781	42.651	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	526932	43.945	ng/ul	0.00
73) Anthracene-d10	17.498	188	3943021	43.091	ng/ul	0.00
81) Pyrene-d10	19.733	212	4284236	45.133	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.863	264	3299853	45.564	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	177073	15.905	ng/uL	99
5) Pyridine	3.781	79	1173283	37.407	ng/ul	99
6) Benzaldehyde	7.128	77	926490	57.367	ng/ul	99
8) Phenol	7.152	94	1616913	43.674	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.411	93	1266274	42.890	ng/ul	100
12) 2-Chlorophenol	7.528	128	1205146	43.864	ng/ul	99
13) 2-Methylphenol	8.416	108	1168602	43.033	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.505	45	1853449m	44.589	ng/ul	
16) Acetophenone	8.828	105	1885845	43.049	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.805	70	1038109	44.361	ng/ul	99
18) 4-Methylphenol	8.758	108	1278302	43.163	ng/ul	96
19) Hexachloroethane	9.040	117	494670	43.462	ng/ul	99
22) Nitrobenzene	9.216	77	1509460	43.941	ng/ul	99
23) Isophorone	9.734	82	2844095	44.069	ng/ul	99
25) 2-Nitrophenol	9.922	139	684134	44.556	ng/ul	100
26) 2,4-Dimethylphenol	9.957	107	1209232	38.571	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.216	93	1718762	42.973	ng/ul	100
29) 2,4-Dichlorophenol	10.440	162	1125674	42.900	ng/ul	98
30) Naphthalene	10.852	128	3785828	41.838	ng/ul	99
32) 4-Chloroaniline	10.987	127	1435369	37.129	ng/ul	100
33) Hexachlorobutadiene	11.081	225	637918	40.675	ng/ul	99
34) Caprolactam	11.822	113	399004m	45.915	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	1285834	44.718	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	2536195	42.413	ng/ul	99
37) 1-Methylnaphthalene	12.675	142	2469652	41.021	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.804	216	1208959	42.030	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	630899	33.851	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	832006	42.498	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	921509	43.261	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	3371483	43.627	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2643373	43.566	ng/ul	99
45) 2-Nitroaniline	13.745	65	904672	50.065	ng/ul	99
47) Dimethylphthalate	14.093	163	3367350	44.161	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	708312	47.832	ng/ul	99
50) Acenaphthylene	14.363	152	4162253	44.322	ng/ul	100
51) 3-Nitroaniline	14.575	138	746238	50.495	ng/ul	98
52) Acenaphthene	14.692	153	2862413	43.687	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	376909	41.051	ng/ul	99
55) 4-Nitrophenol	14.869	109	503940	44.355	ng/ul	99
56) Dibenzofuran	15.034	168	3898818	43.276	ng/ul	100
57) 2,4-Dinitrotoluene	15.022	165	1032645	48.580	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.245	232	671618	39.106	ng/ul	96
59) Diethylphthalate	15.451	149	3465118	45.475	ng/ul	99
61) Fluorene	15.681	166	3240391	43.626	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	1558155	43.408	ng/ul	99
63) 4-Nitroaniline	15.751	138	725948	55.871	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.775	198	558764	44.478	ng/ul	99
67) N-Nitrosodiphenylamine	15.898	169	2706979	45.056	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	886365	44.714	ng/ul	99
69) Hexachlorobenzene	16.657	284	944116	43.448	ng/ul	96
70) Atrazine	16.851	200	284330	13.822	ng/ul	98
71) Pentachlorophenol	17.022	266	516708	36.464	ng/ul	100
72) Phenanthrene	17.439	178	4949548	44.704	ng/ul	99
74) Anthracene	17.534	178	4929121	44.287	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	119129	4.197	ng/uL	98
76) Pentachlorobenzene	14.922	250	1170797	42.825	ng/uL	99
77) Carbazole	17.816	167	4538857	45.381	ng/ul	99
78) Di-n-butylphthalate	18.328	149	5813864	47.448	ng/ul	99
80) Fluoranthene	19.404	202	5489720	46.317	ng/ul	98
82) Pyrene	19.763	202	5541522	45.030	ng/ul	96
83) Butylbenzylphthalate	20.622	149	2574163	50.580	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.416	252	1573372	45.491	ng/ul	99
85) Benzo(a)anthracene	21.480	228	5052374	46.032	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.357	149	3639391	51.763	ng/ul	98
87) Chrysene	21.533	228	4596497	44.769	ng/ul	98
89) Di-n-octyl phthalate	22.321	149	5962960	49.829	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	4443024	44.546	ng/ul	98
91) Benzo(k)fluoranthene	23.292	252	4459191	46.169	ng/ul	99
93) Benzo(a)pyrene	23.916	252	3865666	46.468	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	4457767	48.273	ng/ul	99
95) Dibenzo(a,h)anthracene	26.739	278	3692017	48.440	ng/ul	99
96) Benzo(g,h,i)perylene	27.557	276	3480684	47.831	ng/ul	97

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

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