Quantitation Report (Qedit)

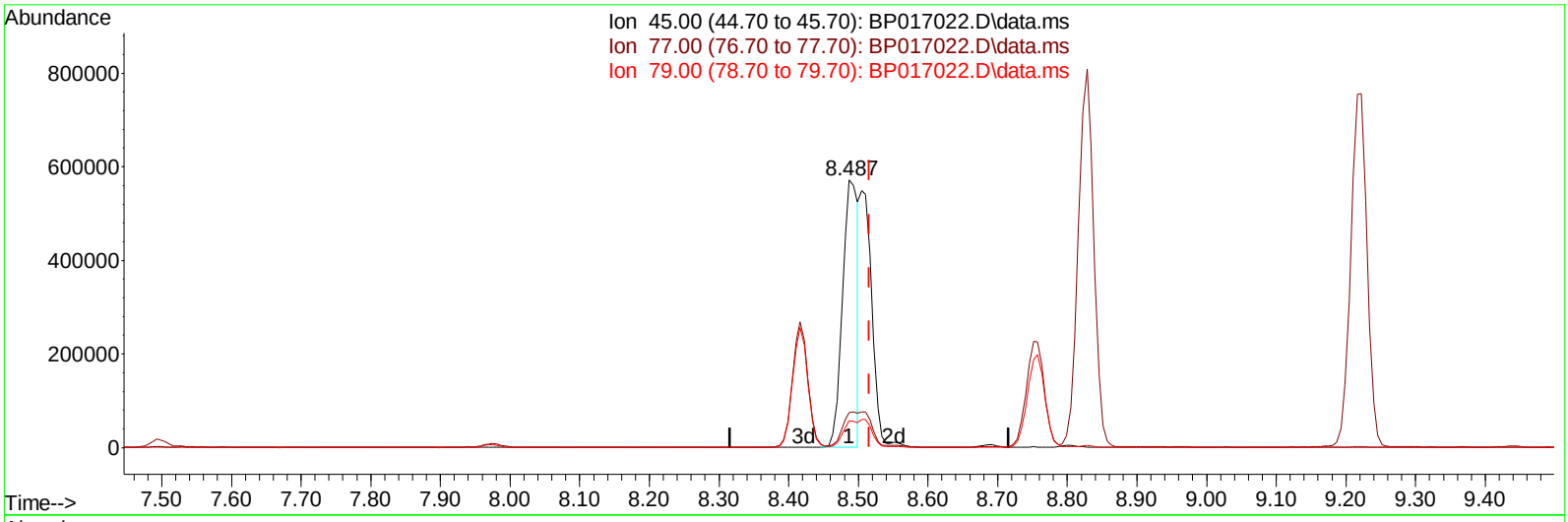
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
Data File : BP017022.D
Acq On : 08 Sep 2023 20:49
Operator : MA/JU
Sample : PB155068BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

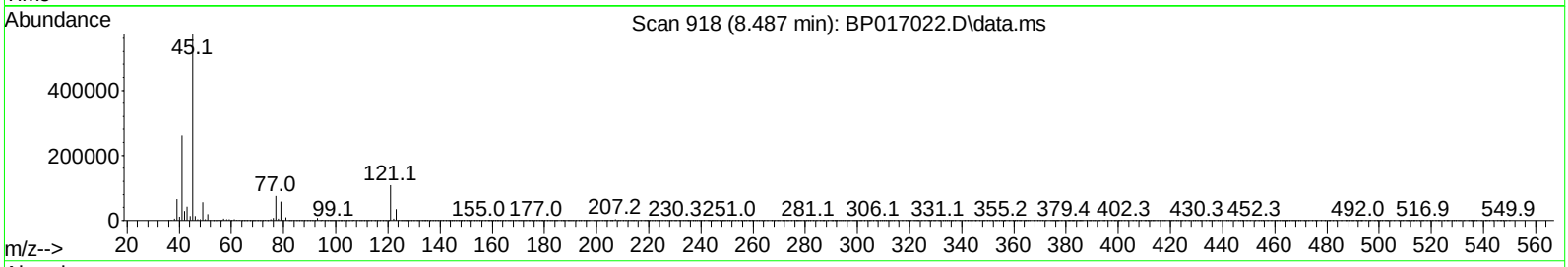
Quant Time: Sep 09 00:46:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 06 01:52:05 2023
Response via : Initial Calibration

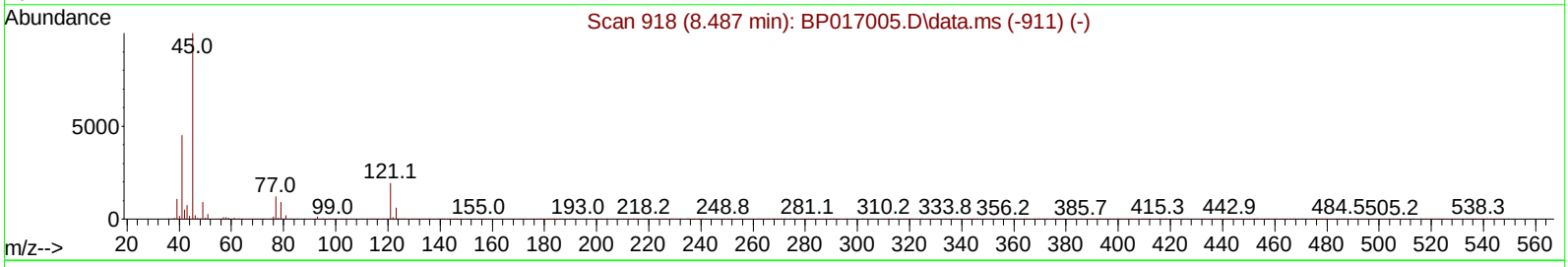
Instrument :
BNA_P
ClientSampleId :
SLCS068

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023







TIC: BP017022.D\data.ms

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

8.487min (-0.029) 24.72 ng/ul

response 878186

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.14
79.00	11.20	10.05
0.00	0.00	0.00

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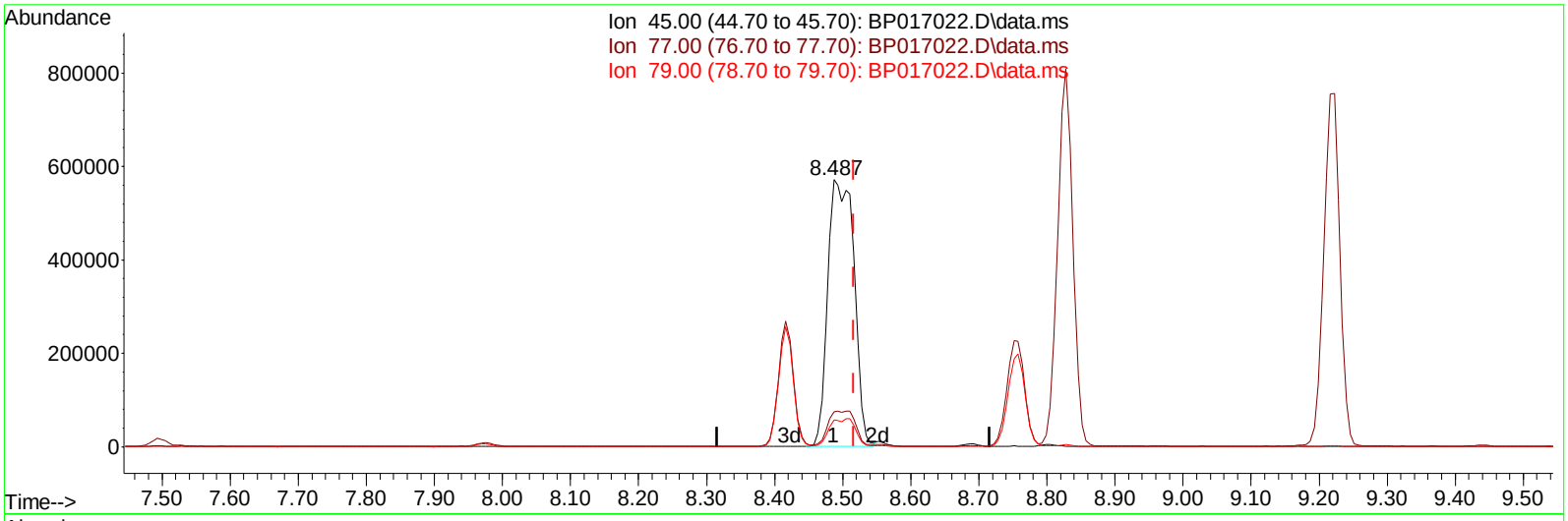

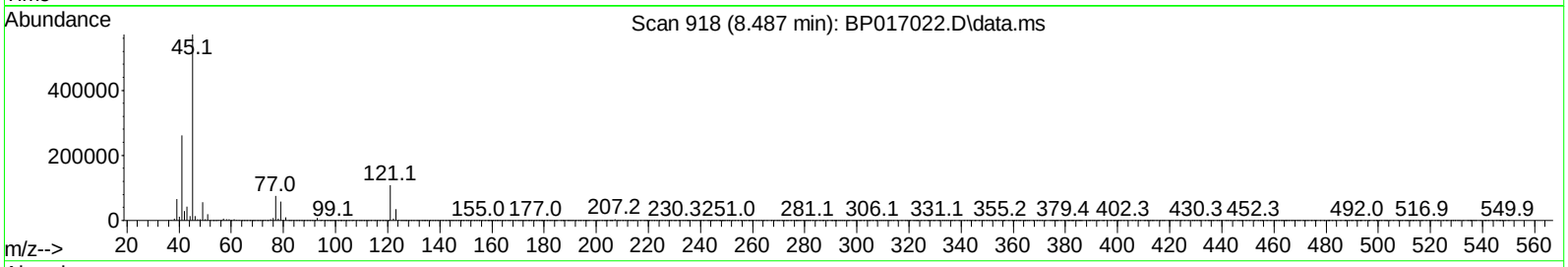

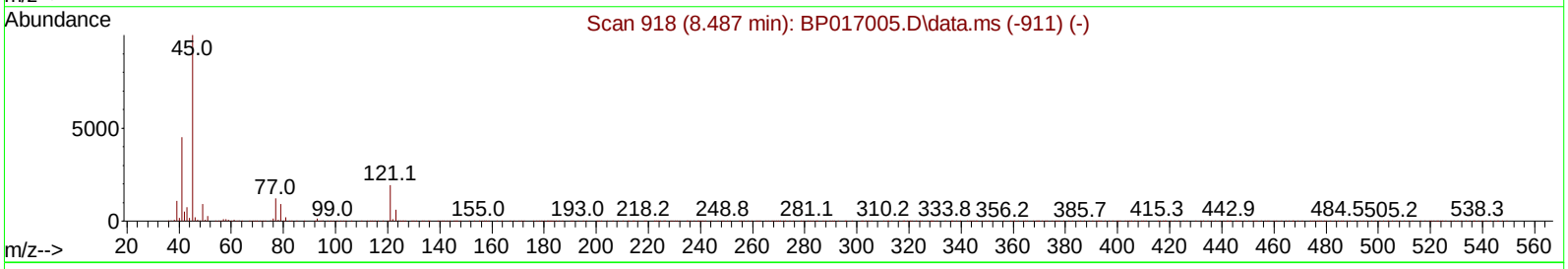

TIC: BP017022.D\data.ms

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

8.487min (-0.029) 43.14 ng/ul m

response 1532735

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.10	13.14
79.00	11.20	10.05
0.00	0.00	0.00

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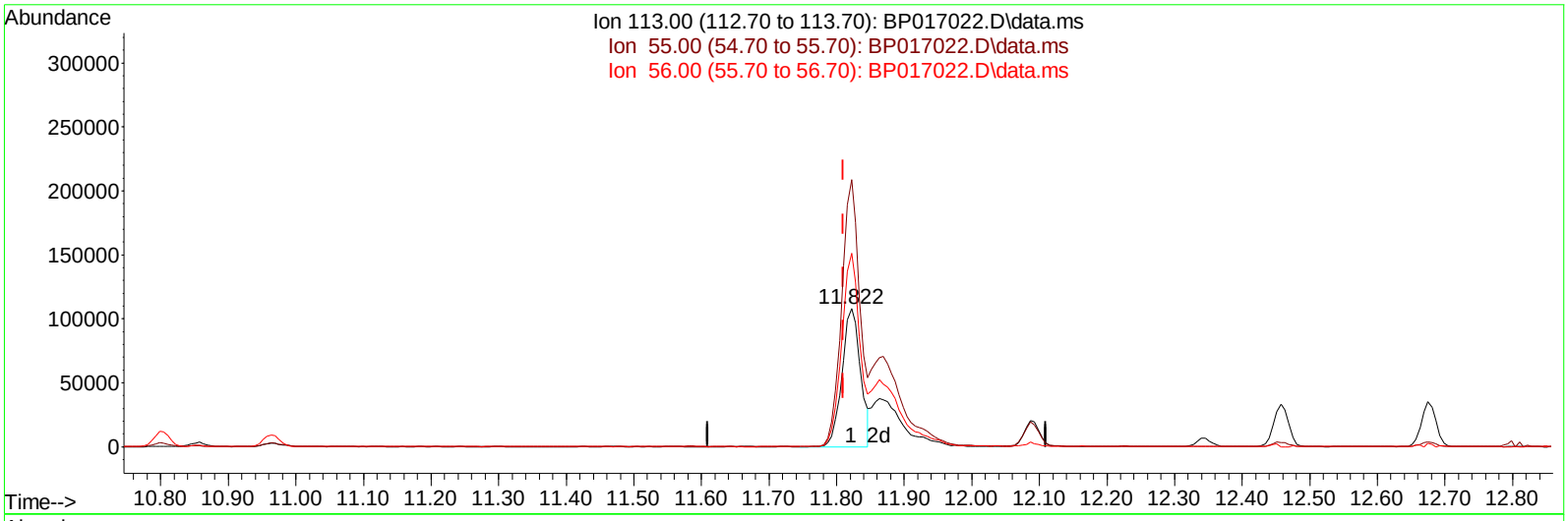

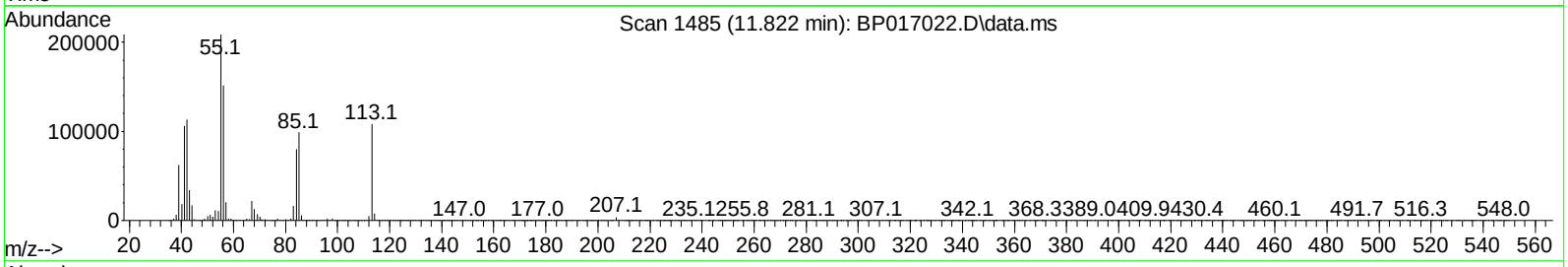

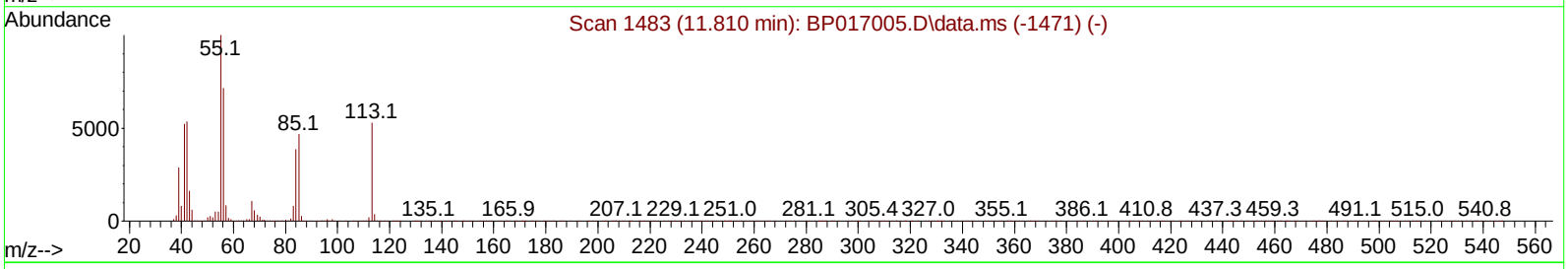

TIC: BP017022.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 26.48 ng/ul

response 204773

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	193.12
56.00	127.70	139.82
0.00	0.00	0.00

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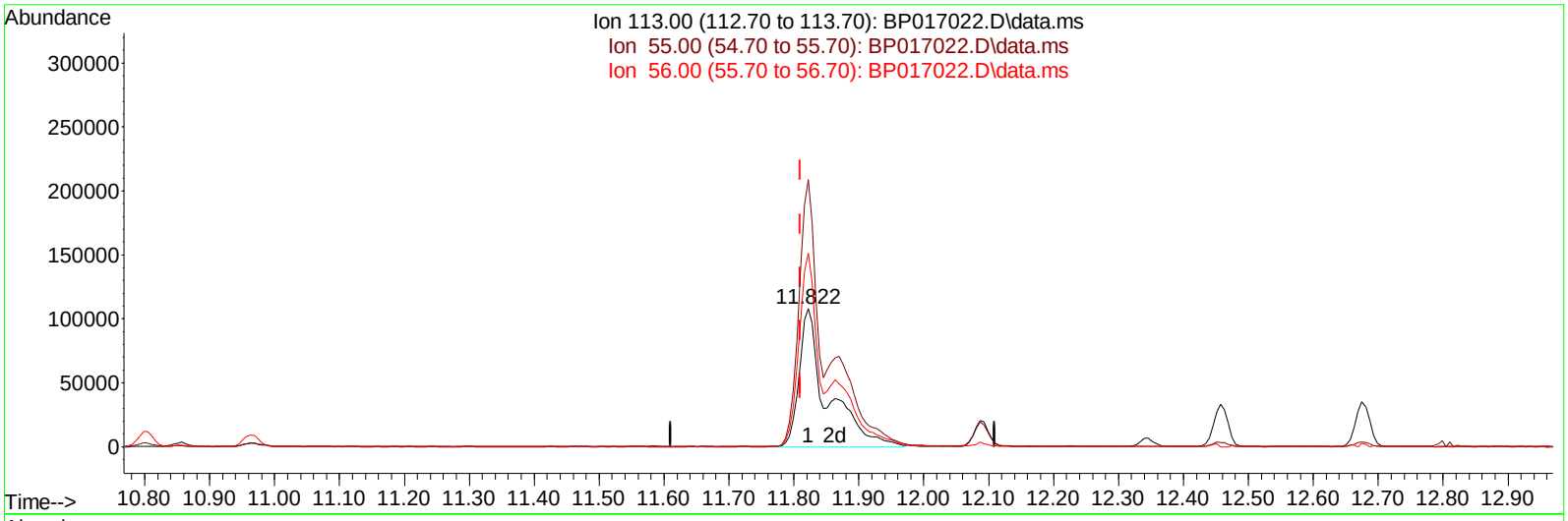

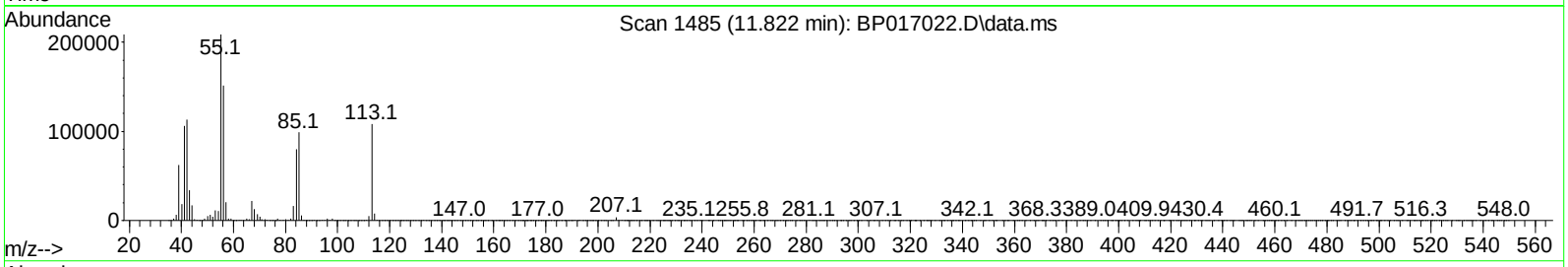

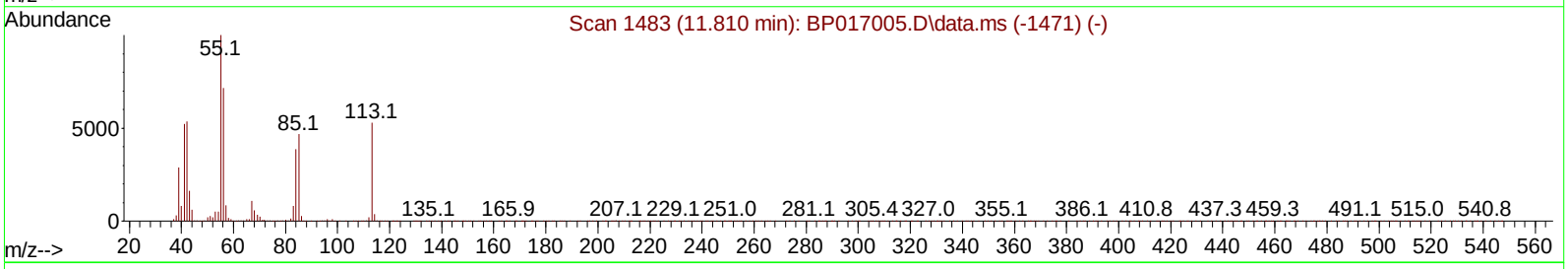

TIC: BP017022.D\data.ms

(34) Caprolactam

11.822min (+ 0.012) 42.01 ng/ul m

response 324906

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	177.90	193.12
56.00	127.70	139.82
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/09/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	333361	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1475974	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.634	164	900514	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	1911157	20.000	ng/ul	-0.01
79) Chrysene-d12	21.498	240	1522954	20.000	ng/ul	-0.01
88) Perylene-d12	24.027	264	1357809	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	85422	9.693	ng/uL	0.00
4) Pyridine-d5	3.758	84	1026998	40.783	ng/ul	0.00
7) Phenol-d5	7.128	99	1291505	42.406	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.316	67	805288	42.272	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	934800	42.410	ng/ul	0.00
15) 4-Methylphenol-d8	8.687	113	978386	42.168	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	468600	40.923	ng/ul	0.00
24) 2-Nitrophenol-d4	9.887	143	514007	41.410	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.416	165	930933	40.623	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1262766	38.193	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2702887	40.322	ng/ul	0.00
49) Acenaphthylene-d8	14.334	160	3143934	40.641	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	537701	41.065	ng/ul	0.00
60) Fluorene-d10	15.628	176	2322055	40.460	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	444422	38.641	ng/ul	0.00
73) Anthracene-d10	17.498	188	3452772	39.340	ng/ul	-0.01
81) Pyrene-d10	19.733	212	3867542	41.693	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.863	264	2967504	43.080	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	142749	15.002	ng/uL	99
5) Pyridine	3.781	79	980730	36.584	ng/ul	98
6) Benzaldehyde	7.134	77	743547	53.866	ng/ul	99
8) Phenol	7.152	94	1307127	41.309	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.410	93	1029036	40.780	ng/ul	100
12) 2-Chlorophenol	7.528	128	958258	40.807	ng/ul	97
13) 2-Methylphenol	8.416	108	940445	40.518	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	1532735m	43.142	ng/ul	
16) Acetophenone	8.828	105	1546846	41.313	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.805	70	846799	42.337	ng/ul	99
18) 4-Methylphenol	8.752	108	1038889	41.042	ng/ul	100
19) Hexachloroethane	9.046	117	394217	40.524	ng/ul	97
22) Nitrobenzene	9.222	77	1234968	40.392	ng/ul	100
23) Isophorone	9.734	82	2322722	40.436	ng/ul	98
25) 2-Nitrophenol	9.922	139	555531	40.650	ng/ul	98
26) 2,4-Dimethylphenol	9.963	107	913405	32.734	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	1423866	39.997	ng/ul	100
29) 2,4-Dichlorophenol	10.440	162	918303	39.320	ng/ul	97
30) Naphthalene	10.852	128	3130548	38.870	ng/ul	100
32) 4-Chloroaniline	10.987	127	1246705	36.233	ng/ul	99
33) Hexachlorobutadiene	11.081	225	505702	36.228	ng/ul	100
34) Caprolactam	11.822	113	324906m	42.007	ng/ul	
35) 4-Chloro-3-methylphenol	12.087	107	1051589	41.089	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	12.457	142	2097416	39.408	ng/ul	100
37) 1-Methylnaphthalene	12.675	142	2038813	38.048	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.804	216	978070	36.864	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	464544	27.023	ng/ul	100
41) 2,4,6-Trichlorophenol	13.063	196	708323	39.225	ng/ul	99
42) 2,4,5-Trichlorophenol	13.128	196	782548	39.828	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	2787859	39.110	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2194326	39.208	ng/ul	99
45) 2-Nitroaniline	13.751	65	748912	44.933	ng/ul	98
47) Dimethylphthalate	14.098	163	2782460	39.561	ng/ul	99
48) 2,6-Dinitrotoluene	14.240	165	577538	42.282	ng/ul	99
50) Acenaphthylene	14.363	152	3488510	40.273	ng/ul	100
51) 3-Nitroaniline	14.581	138	608108	44.611	ng/ul	98
52) Acenaphthene	14.698	153	2395735	39.641	ng/ul	100
53) 2,4-Dinitrophenol	14.775	184	297092	35.080	ng/ul	97
55) 4-Nitrophenol	14.869	109	426243	40.673	ng/ul	96
56) Dibenzofuran	15.034	168	3282462	39.501	ng/ul	99
57) 2,4-Dinitrotoluene	15.022	165	850630	43.384	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	617723	38.994	ng/ul	98
59) Diethylphthalate	15.451	149	2863416	40.740	ng/ul	99
61) Fluorene	15.687	166	2739852	39.991	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.675	204	1293934	39.080	ng/ul	97
63) 4-Nitroaniline	15.751	138	593480	49.519	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.775	198	457322	37.953	ng/ul	94
67) N-Nitrosodiphenylamine	15.904	169	2289124	39.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	724965	38.129	ng/ul	98
69) Hexachlorobenzene	16.663	284	781873	37.513	ng/ul	98
70) Atrazine	16.857	200	754077	38.219	ng/ul	98
71) Pentachlorophenol	17.022	266	490944	36.121	ng/ul	98
72) Phenanthrene	17.445	178	4232495	39.855	ng/ul	100
74) Anthracene	17.539	178	4172192	39.082	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	96552	3.547	ng/uL	98
76) Pentachlorobenzene	14.928	250	969928	36.988	ng/uL	100
77) Carbazole	17.822	167	3923064	40.893	ng/ul	99
78) Di-n-butylphthalate	18.328	149	4945214	42.077	ng/ul	99
80) Fluoranthene	19.404	202	4741018	40.932	ng/ul	98
82) Pyrene	19.763	202	4880572	40.583	ng/ul	96
83) Butylbenzylphthalate	20.622	149	2193909	44.113	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.416	252	1333401	39.451	ng/ul	99
85) Benzo(a)anthracene	21.480	228	4363191	40.679	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.357	149	3121397	45.430	ng/ul	99
87) Chrysene	21.533	228	4060169	40.467	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	5076872	44.603	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	3962448	41.768	ng/ul	98
91) Benzo(k)fluoranthene	23.292	252	3735549	40.663	ng/ul	99
93) Benzo(a)pyrene	23.916	252	3352188	42.365	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	3715792	42.305	ng/ul	98
95) Dibenzo(a,h)anthracene	26.745	278	3121670	43.061	ng/ul	98
96) Benzo(g,h,i)perylene	27.557	276	2900175	41.900	ng/ul	97

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

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