Quantitation Report (Qedit)

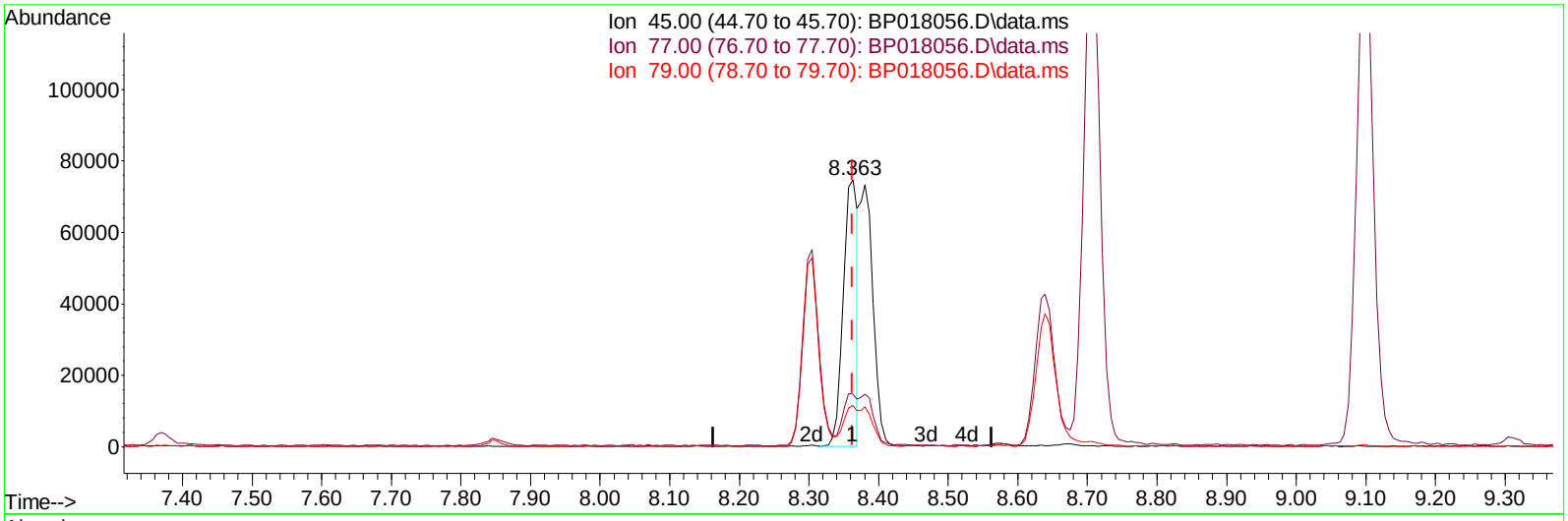
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018056.D
Acq On : 11 Nov 2023 09:01
Operator : MA/JU
Sample : PB156717BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

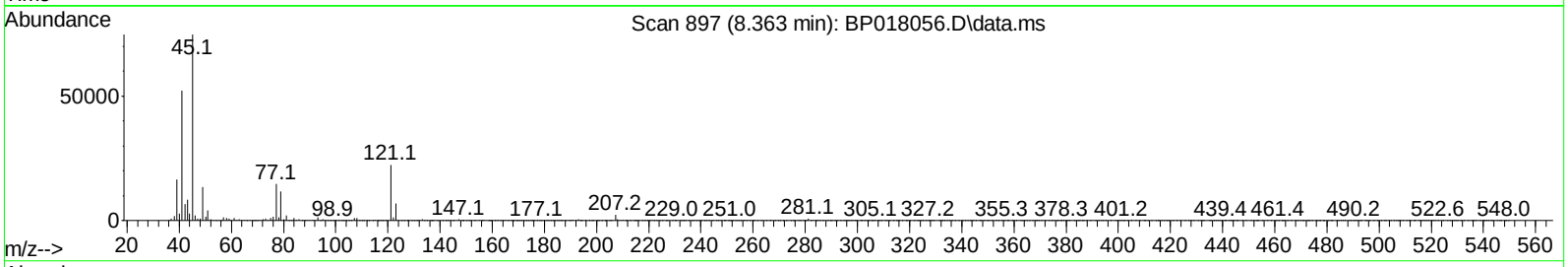
Quant Time: Nov 11 20:15:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

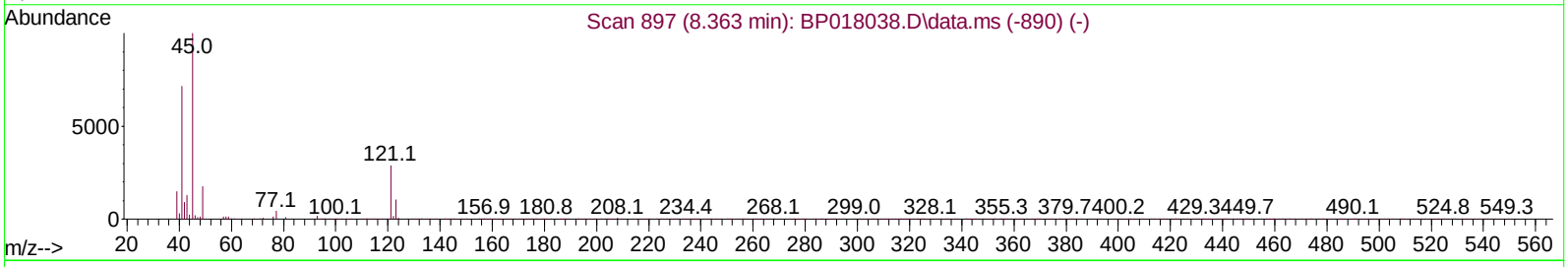
Instrument :
BNA_P
ClientSampleId :
SLCS717

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP018056.D\data.ms

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

8.363min (-0.000) 17.61 ng/ul

response 106336

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.70
79.00	13.90	15.50
0.00	0.00	0.00

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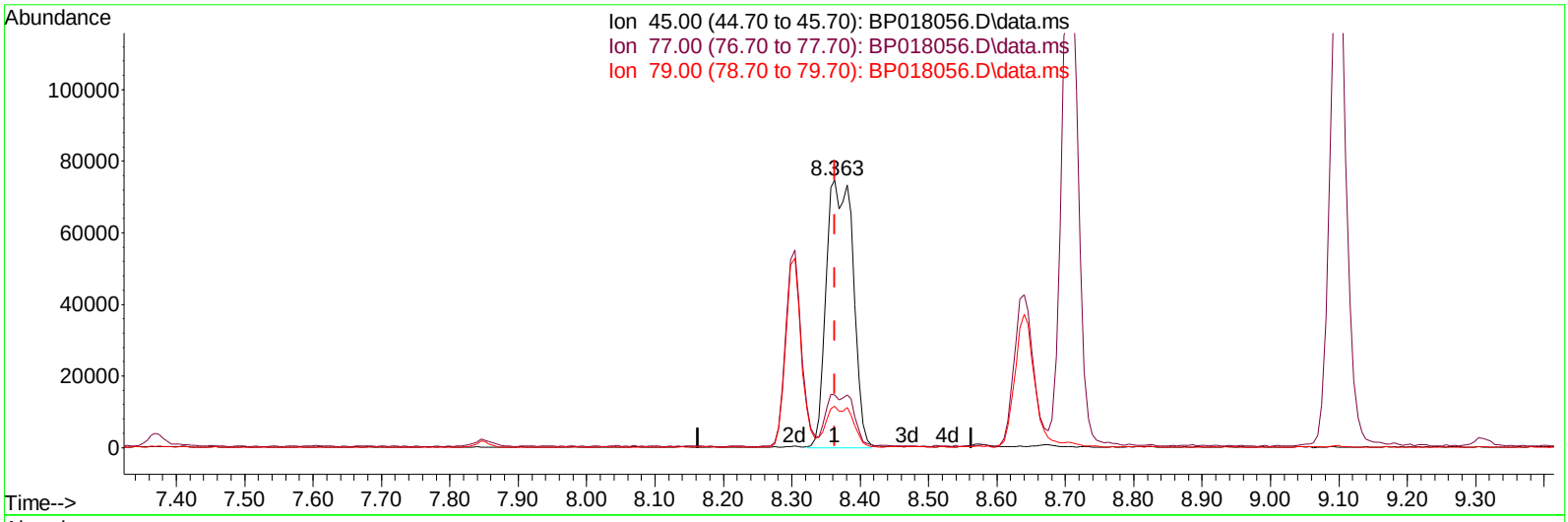

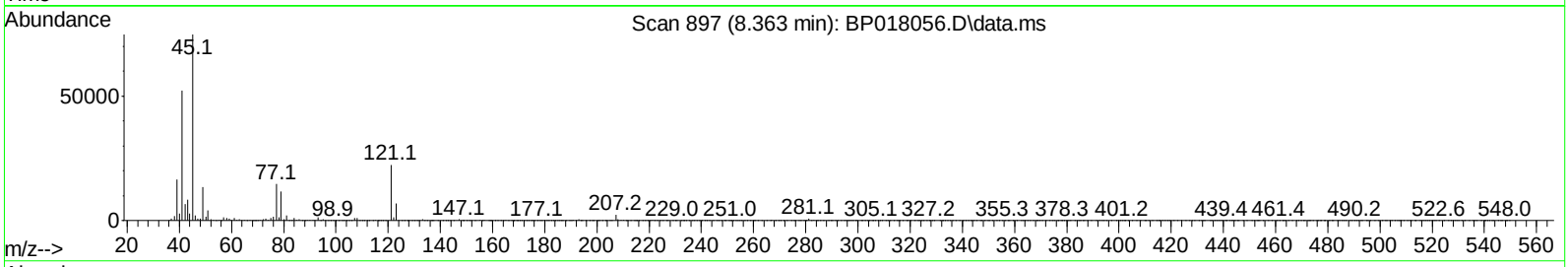

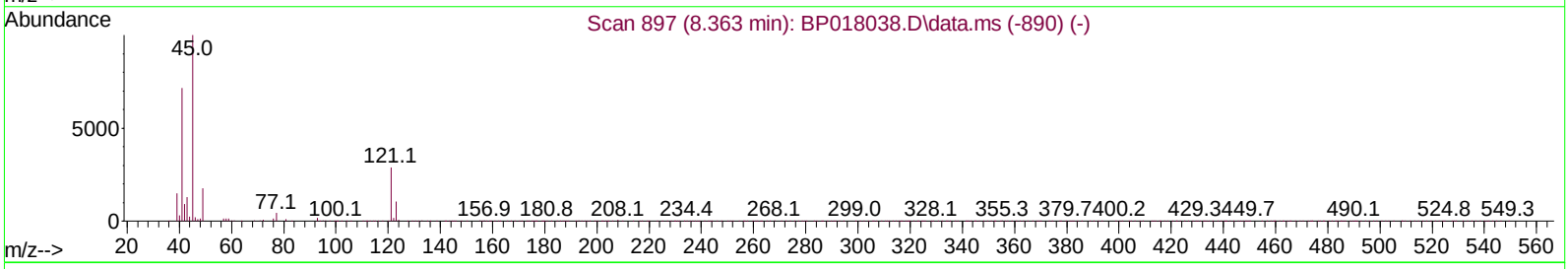

TIC: BP018056.D\data.ms

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

8.363min (-0.000) 33.77 ng/ul m

response 203893

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.70
79.00	13.90	15.50
0.00	0.00	0.00

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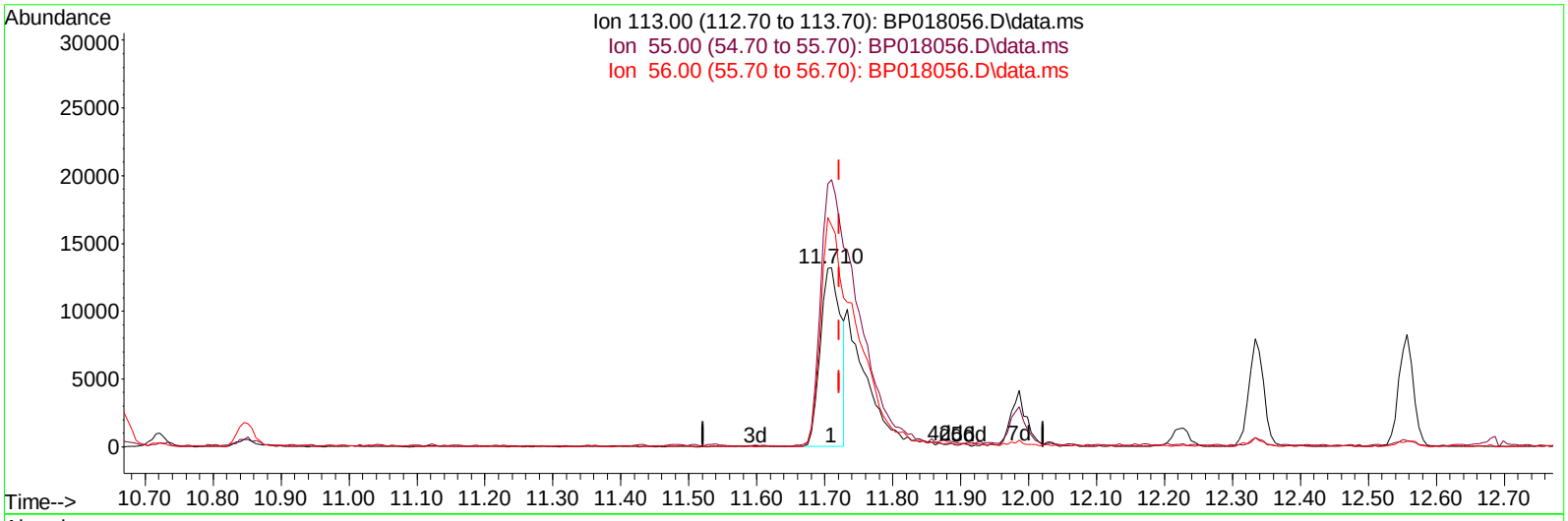

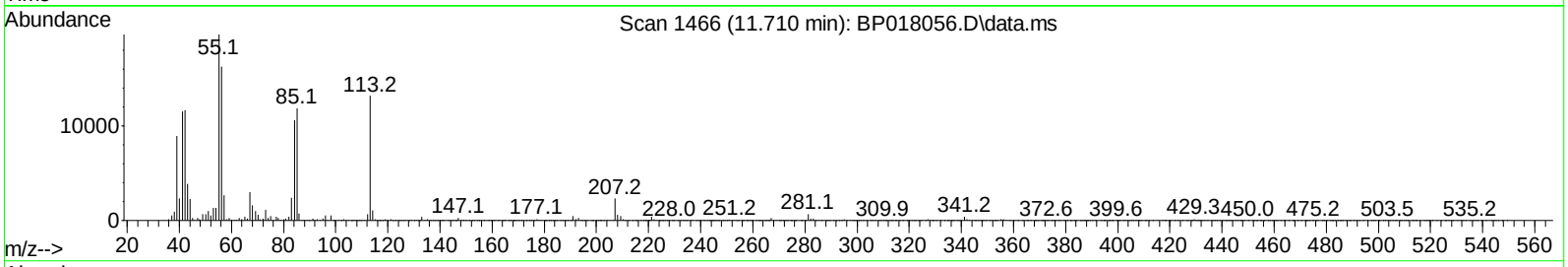

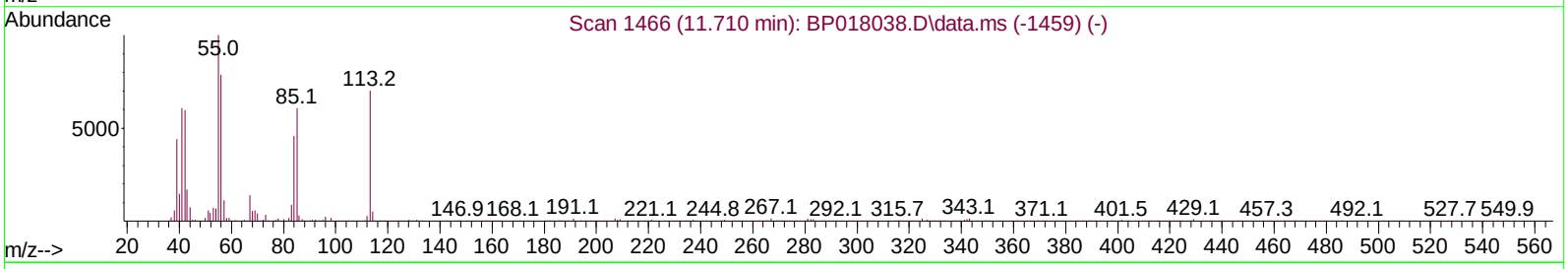

TIC: BP018056.D\data.ms

(34) Caprolactam

11.710min (-0.012) 17.35 ng/ul

response 27732

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	149.14
56.00	119.50	123.48
0.00	0.00	0.00

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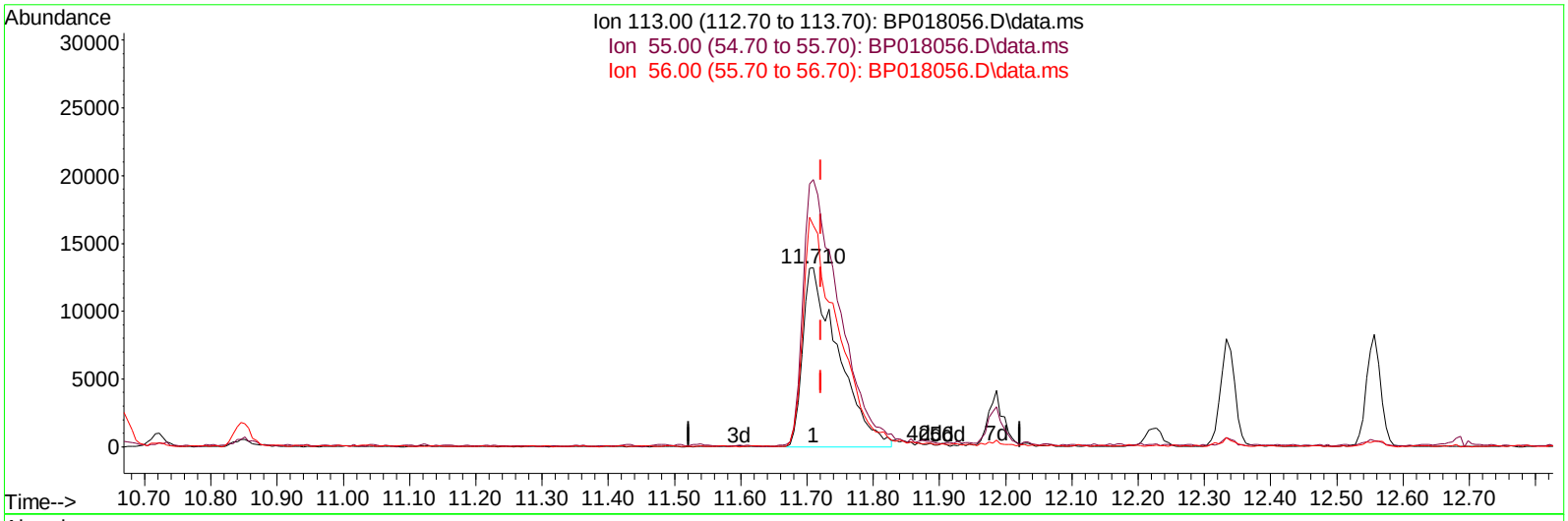

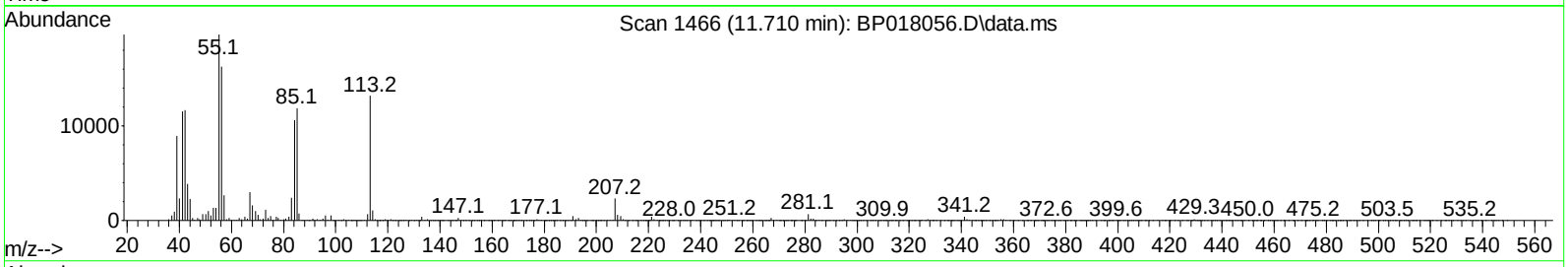

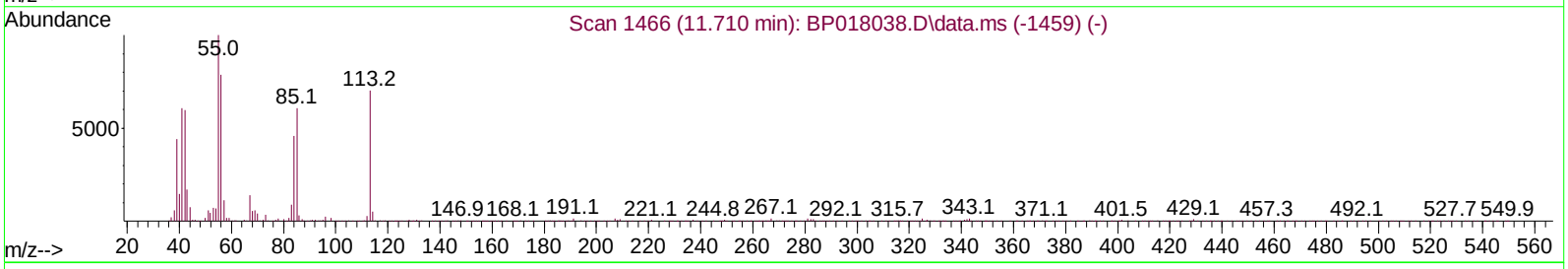

TIC: BP018056.D\data.ms

(34) Caprolactam

11.710min (-0.012) 30.87 ng/ul m

response 49338

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	147.90	149.14
56.00	119.50	123.48
0.00	0.00	0.00

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Quant Time: Nov 11 20:16:44 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	7.851	152	71559	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	276983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	157175	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	330627	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	343178	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	406082	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	12544	6.184	ng/uL	0.00
4) Pyridine-d5	3.663	84	169112	31.973	ng/ul	0.00
7) Phenol-d5	7.016	99	217785	31.524	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	129473	31.890	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	171129	31.280	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	163060	28.804	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	79954	32.040	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	90596	32.045	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.292	165	158668	31.489	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	190578	27.580	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	425508	29.341	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	493080	31.217	ng/ul	0.00
54) 4-Nitrophenol-d4	14.780	143	69649	32.140	ng/ul	0.00
60) Fluorene-d10	15.527	176	357827	29.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	77497	32.423	ng/ul	0.00
73) Anthracene-d10	17.404	188	560751	31.359	ng/ul	0.00
81) Pyrene-d10	19.657	212	697725	30.438	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.768	264	779028	32.992	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	29177	13.181	ng/uL	96
5) Pyridine	3.681	79	178457	32.692	ng/ul	97
6) Benzaldehyde	7.016	77	129327	34.759	ng/ul	97
8) Phenol	7.045	94	233622	34.280	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.292	93	182222	34.465	ng/ul	98
12) 2-Chlorophenol	7.404	128	189073	34.421	ng/ul	99
13) 2-Methylphenol	8.304	108	168979	32.815	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.363	45	203893m	33.773	ng/ul	
16) Acetophenone	8.704	105	282224	31.363	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	146342	29.787	ng/ul	96
18) 4-Methylphenol	8.639	108	178477	31.781	ng/ul	99
19) Hexachloroethane	8.904	117	87825	33.418	ng/ul	97
22) Nitrobenzene	9.098	77	242040	35.921	ng/ul	96
23) Isophorone	9.610	82	389427	31.673	ng/ul	100
25) 2-Nitrophenol	9.798	139	103869	35.753	ng/ul	99
26) 2,4-Dimethylphenol	9.839	107	175713	28.433	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.098	93	224079	33.420	ng/ul	98
29) 2,4-Dichlorophenol	10.322	162	166369	34.576	ng/ul	99
30) Naphthalene	10.722	128	571775	33.944	ng/ul	100
32) 4-Chloroaniline	10.875	127	182086	27.510	ng/ul	98
33) Hexachlorobutadiene	10.939	225	123768	35.039	ng/ul	98
34) Caprolactam	11.710	113	49338m	30.866	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	182570	31.538	ng/ul	93

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.333	142	367730	31.799 ng/ul	98
37) 1-Methylnaphthalene	12.557	142	364357	30.661 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.686	216	198456	37.376 ng/ul	96
40) Hexachlorocyclopentadiene	12.622	237	74781	29.178 ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	123290	35.396 ng/ul	97
42) 2,4,5-Trichlorophenol	13.033	196	130776	35.675 ng/ul	96
43) 1,1'-Biphenyl	13.357	154	472702	35.368 ng/ul	98
44) 2-Chloronaphthalene	13.404	162	379514	35.766 ng/ul	98
45) 2-Nitroaniline	13.657	65	129547	37.833 ng/ul	96
47) Dimethylphthalate	13.992	163	464492	32.651 ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	95371	33.729 ng/ul	99
50) Acenaphthylene	14.257	152	616219	34.554 ng/ul	99
51) 3-Nitroaniline	14.492	138	95235	36.297 ng/ul	97
52) Acenaphthene	14.592	153	403526	34.124 ng/ul	98
53) 2,4-Dinitrophenol	14.710	184	48494	31.438 ng/ul	97
55) 4-Nitrophenol	14.798	109	105466	36.664 ng/ul	96
56) Dibenzofuran	14.927	168	551319	34.021 ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	146010	34.562 ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.151	232	105173	32.252 ng/ul	97
59) Diethylphthalate	15.351	149	468857	31.546 ng/ul	99
61) Fluorene	15.586	166	453763	32.981 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.574	204	218556	32.417 ng/ul	98
63) 4-Nitroaniline	15.668	138	98314	39.707 ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.698	198	88550	35.703 ng/ul	100
67) N-Nitrosodiphenylamine	15.804	169	369696	34.866 ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	127592	34.240 ng/ul	98
69) Hexachlorobenzene	16.563	284	144140	34.665 ng/ul	95
70) Atrazine	16.768	200	102058	27.592 ng/ul	99
71) Pentachlorophenol	16.939	266	88035	34.879 ng/ul	97
72) Phenanthrene	17.345	178	722605	35.596 ng/ul	100
74) Anthracene	17.439	178	720791	34.793 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	191621	37.953 ng/uL	97
76) Pentachlorobenzene	14.821	250	165803	33.545 ng/uL	96
77) Carbazole	17.739	167	687390	38.210 ng/ul	100
78) Di-n-butylphthalate	18.239	149	771201	33.786 ng/ul	98
80) Fluoranthene	19.327	202	894265	33.404 ng/ul	99
82) Pyrene	19.686	202	939682	33.497 ng/ul	99
83) Butylbenzylphthalate	20.551	149	393036	33.316 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.356	252	301092	36.723 ng/ul	95
85) Benzo(a)anthracene	21.415	228	993605	35.856 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	523150	32.163 ng/ul	100
87) Chrysene	21.468	228	929733	35.863 ng/ul	99
89) Di-n-octyl phthalate	22.250	149	944704	31.107 ng/ul	100
90) Benzo(b)fluoranthene	23.156	252	1026545	35.521 ng/ul	100
91) Benzo(k)fluoranthene	23.209	252	1017388	34.990 ng/ul	99
93) Benzo(a)pyrene	23.821	252	992657	36.372 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.591	276	1245881	38.062 ng/ul	100
95) Dibenzo(a,h)anthracene	26.615	278	1025905	38.064 ng/ul	100
96) Benzo(g,h,i)perylene	27.427	276	1010032	38.578 ng/ul	96

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

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