Quantitation Report (Qedit)

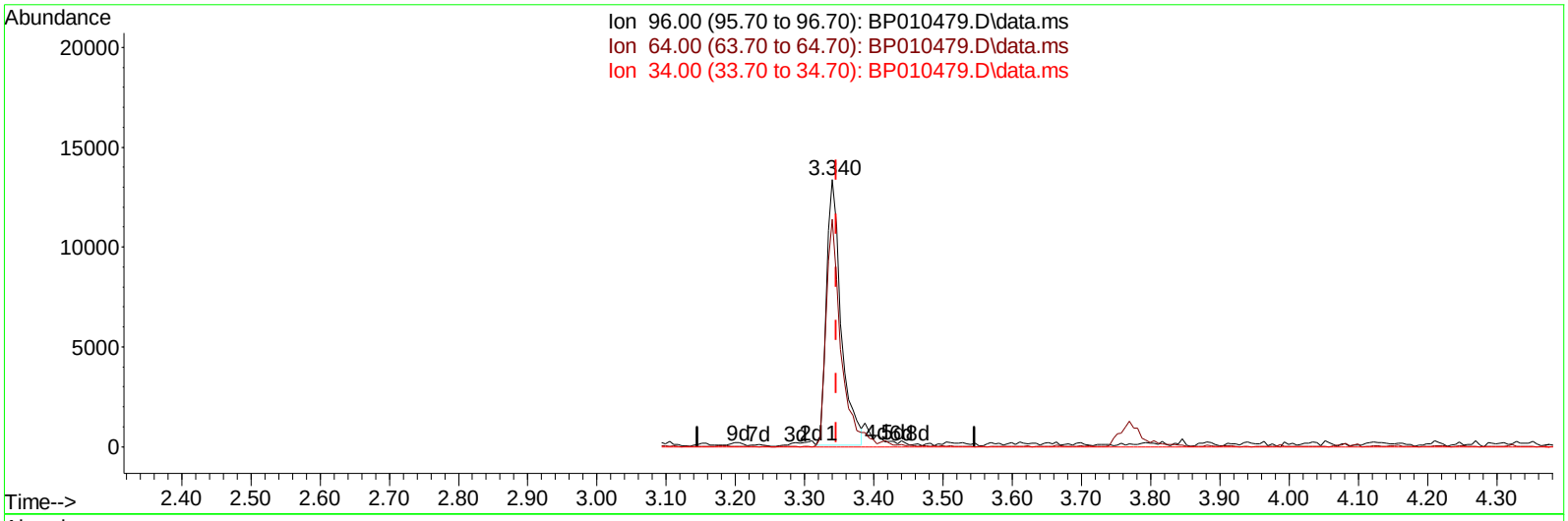
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
Data File : BP010479.D
Acq On : 23 May 2022 16:35
Operator : CG/JU
Sample : PB144961BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

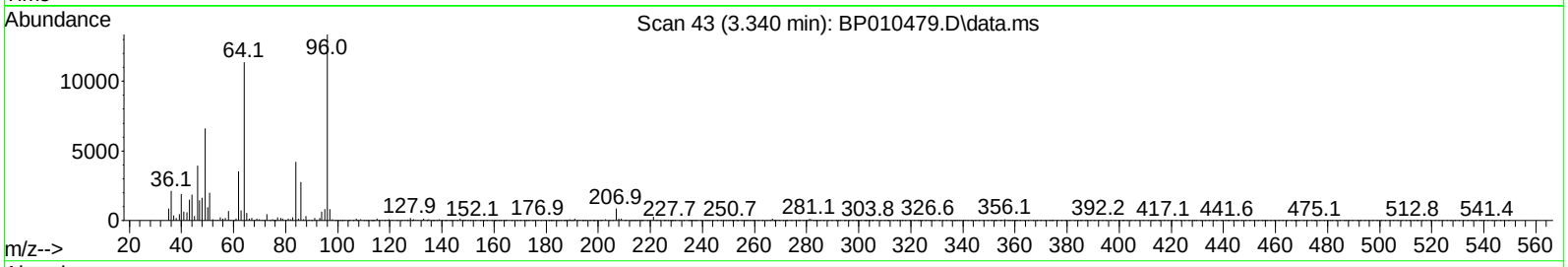
Quant Time: May 23 23:19:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 15:04:31 2022
Response via : Initial Calibration

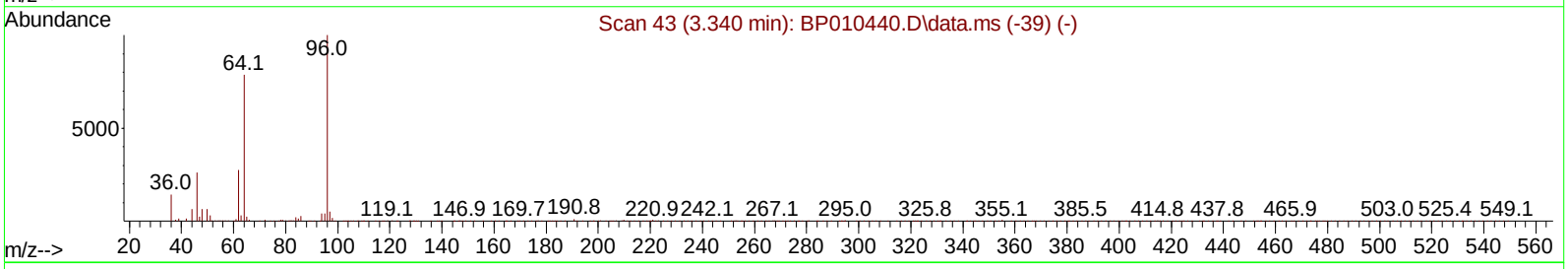
Instrument :
BNA_P
ClientSampleId :
SLCS961

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022
Supervised By :Yogesh Patel 05/26/2022







TIC: BP010479.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.340min (-0.006) 5.64 ng/uL

response 19446

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	85.21#
34.00	0.00	0.00
0.00	0.00	0.00

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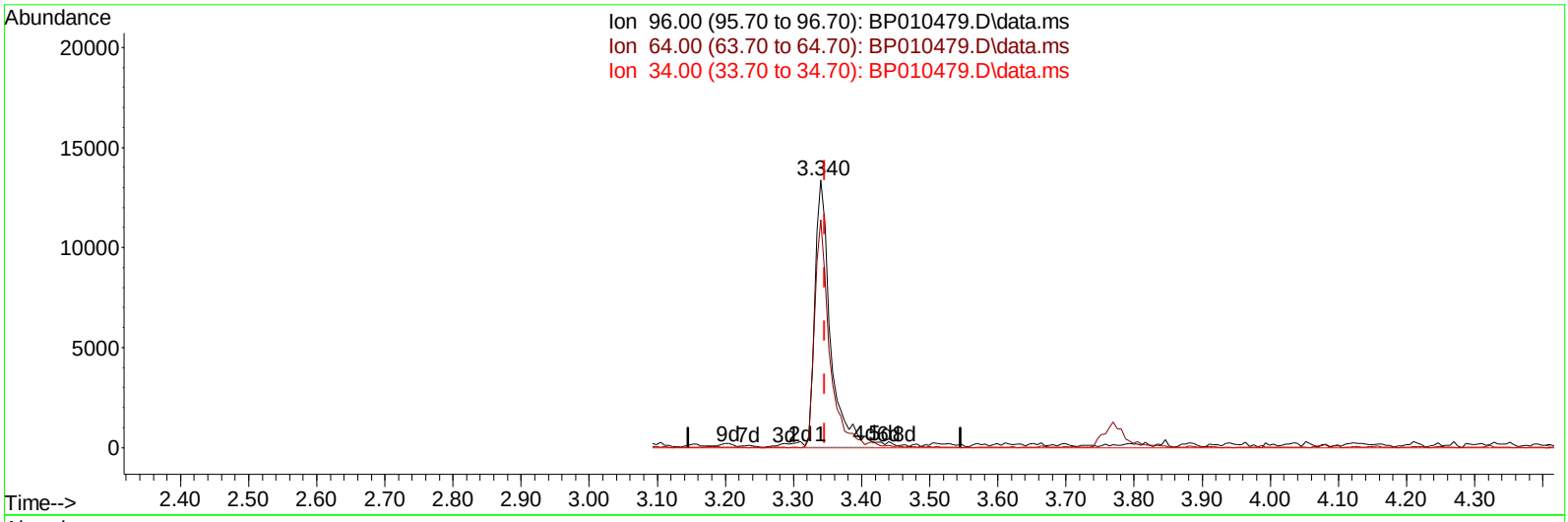

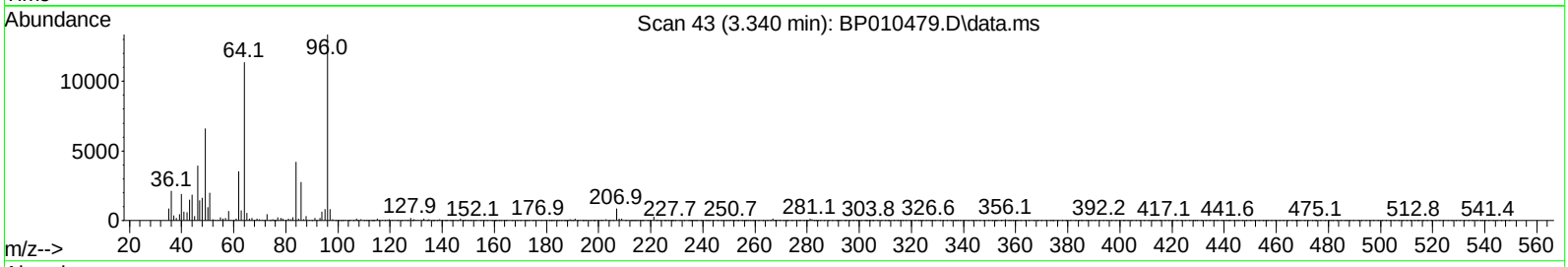

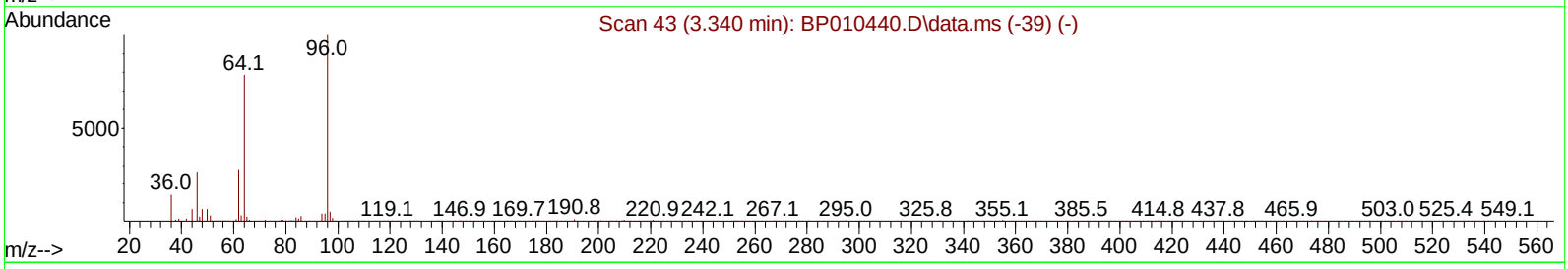

TIC: BP010479.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.340min (-0.006) 6.01 ng/uL m

response 20730

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	55.40	85.21#
34.00	0.00	0.00
0.00	0.00	0.00

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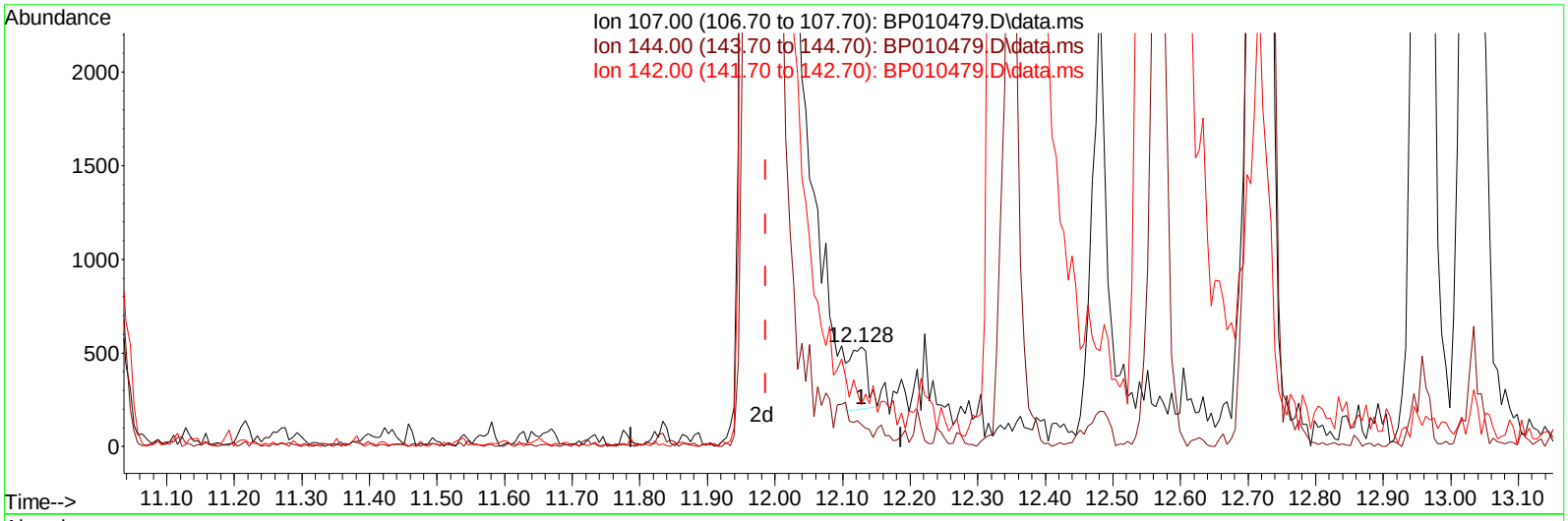

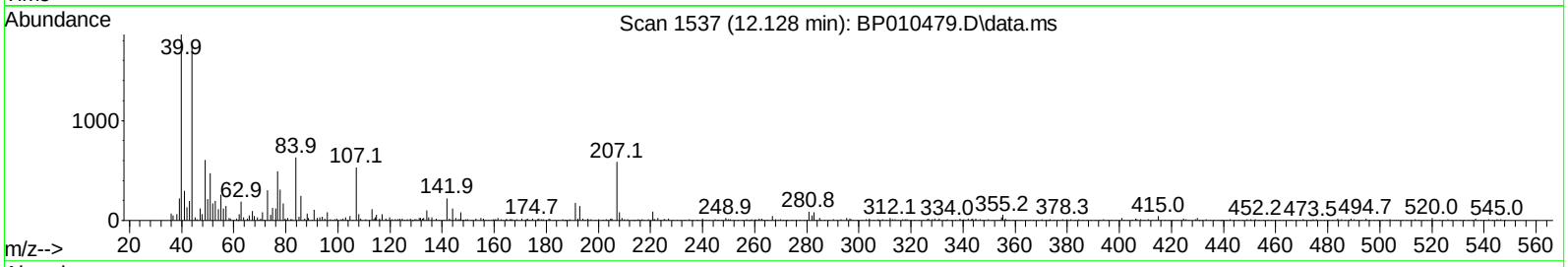

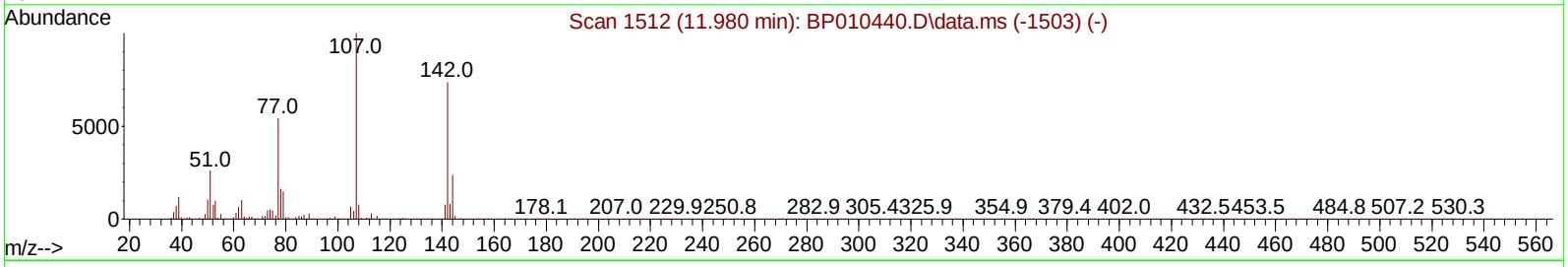

TIC: BP010479.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

12.128min (+ 0.141) 0.05 ng/ul

response 596

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	19.80	22.41
142.00	48.60	45.95
0.00	0.00	0.00

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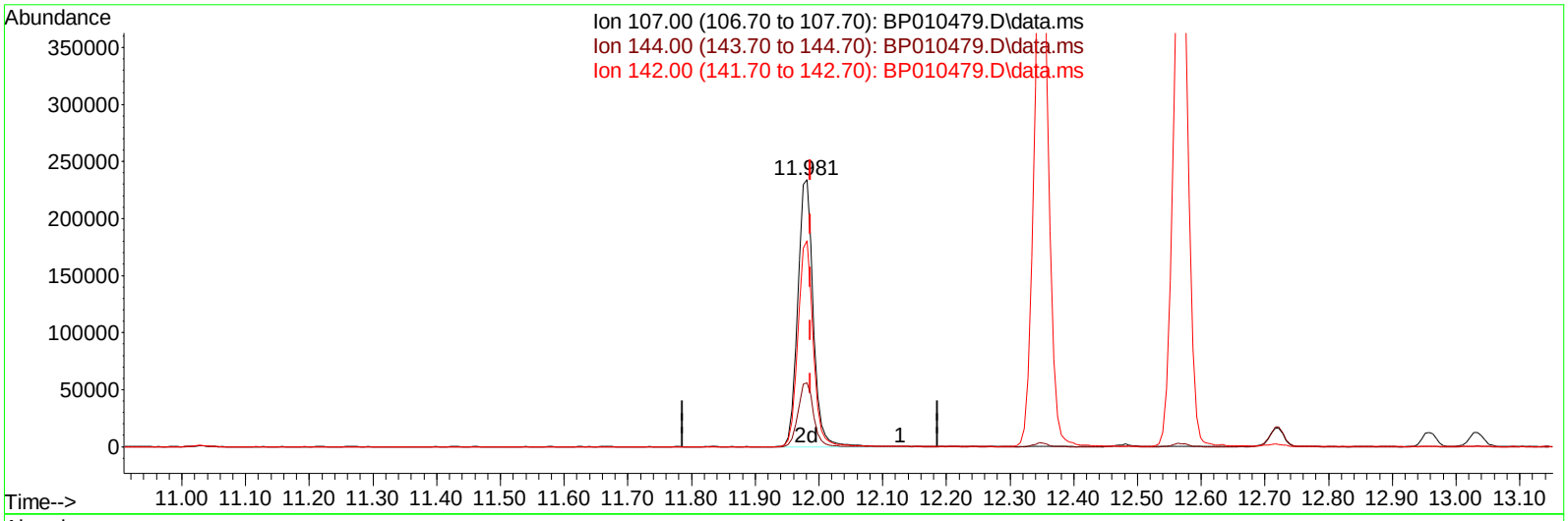

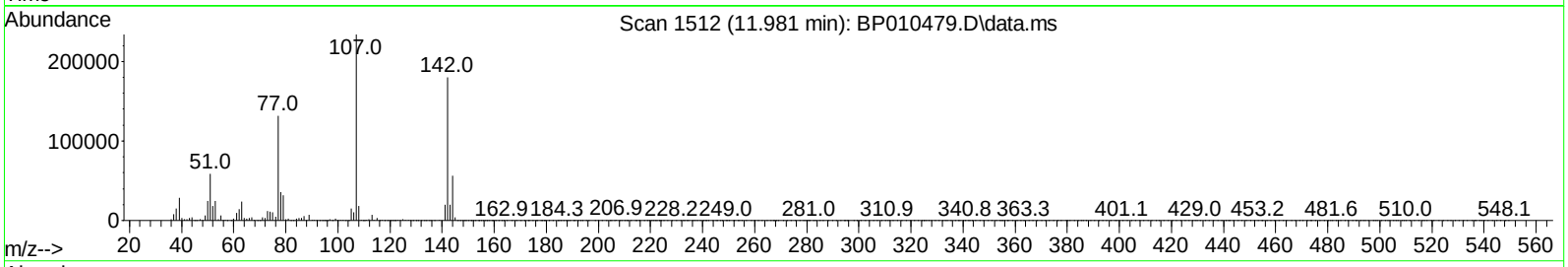

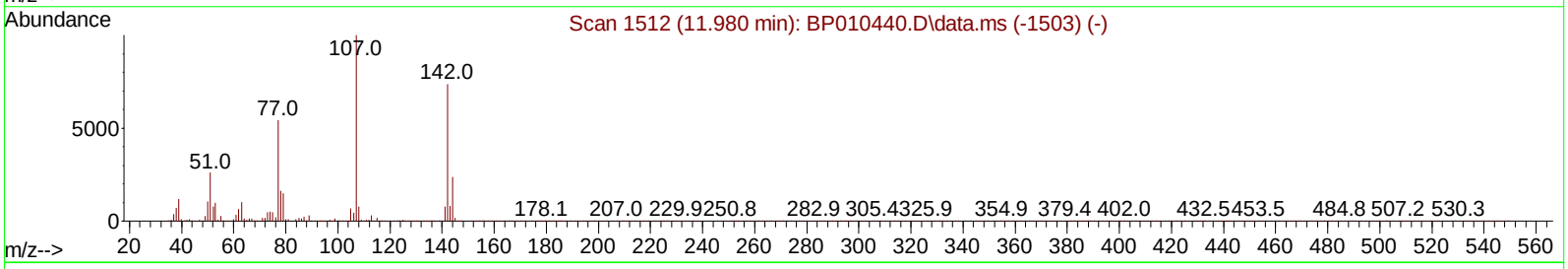

TIC: BP010479.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

11.981min (-0.006) 32.64 ng/ul m

response 400991

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	19.80	23.94#
142.00	48.60	77.13#
0.00	0.00	0.00

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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	7.887	152	147033	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.693	136	662327	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.522	164	450072	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	962940	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	910274	20.000	ng/ul	# 0.00
88) Perylene-d12	23.780	264	735239	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	20730m	6.010	ng/uL	0.00
4) Pyridine-d5	3.752	84	312157	31.871	ng/ul	-0.01
7) Phenol-d5	7.058	99	432409	35.039	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	288443	34.788	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.422	132	339428	35.945	ng/ul	-0.01
15) 4-Methylphenol-d8	8.604	113	366275	34.924	ng/ul	0.00
21) Nitrobenzene-d5	9.052	128	183262	35.752	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	202426	37.263	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.310	165	356687	34.725	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.828	131	462951	30.312	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	1107572	33.401	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1319437	34.496	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	193969	32.864	ng/ul	0.00
60) Fluorene-d10	15.516	176	967834	33.549	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	191303	33.969	ng/ul	0.00
73) Anthracene-d10	17.375	188	1516151	34.771	ng/ul	0.00
81) Pyrene-d10	19.604	212	1807130	37.382	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.627	264	1343164	36.381	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	40884	11.441	ng/uL#	8
5) Pyridine	3.775	79	300774	29.549	ng/ul#	30
6) Benzaldehyde	7.028	77	300511	46.064	ng/ul	93
8) Phenol	7.081	94	435974	32.747	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.310	93	331875	31.704	ng/ul#	74
12) 2-Chlorophenol	7.452	128	325078	32.976	ng/ul	95
13) 2-Methylphenol	8.334	108	327666	32.968	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	560824	32.873	ng/ul#	81
16) Acetophenone	8.716	105	528309	32.061	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.704	70	288576	32.723	ng/ul#	67
18) 4-Methylphenol	8.663	108	351794	32.027	ng/ul	89
19) Hexachloroethane	8.969	117	136912	31.933	ng/ul#	81
22) Nitrobenzene	9.093	77	431934	32.065	ng/ul#	84
23) Isophorone	9.622	82	807969	32.451	ng/ul#	97
25) 2-Nitrophenol	9.804	139	201172	33.727	ng/ul#	84
26) 2,4-Dimethylphenol	9.869	107	401228	31.001	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.099	93	465328	31.388	ng/ul#	98
29) 2,4-Dichlorophenol	10.340	162	339841	32.360	ng/ul#	83
30) Naphthalene	10.740	128	1095938	31.680	ng/ul	97
32) 4-Chloroaniline	10.851	127	430544	28.405	ng/ul	97
33) Hexachlorobutadiene	11.028	225	230570	30.984	ng/ul	96
34) Caprolactam	11.628	113	120025	32.749	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.981	107	400991m	32.640	ng/ul	

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.351	142	765371	31.252	ng/ul	91
37) 1-Methylnaphthalene	12.569	142	778276	31.474	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	429772	31.291	ng/ul	95
40) Hexachlorocyclopentadiene	12.698	237	178552	23.912	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	286806	33.500	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.034	196	311328	32.568	ng/ul#	87
43) 1,1'-Biphenyl	13.357	154	1039235	31.458	ng/ul#	92
44) 2-Chloronaphthalene	13.398	162	815258	31.952	ng/ul	94
45) 2-Nitroaniline	13.604	65	295230	35.157	ng/ul#	78
47) Dimethylphthalate	13.981	163	1031520	31.360	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	226227	33.739	ng/ul	97
50) Acenaphthylene	14.245	152	1327430	32.081	ng/ul	95
51) 3-Nitroaniline	14.428	138	221447	35.189	ng/ul#	83
52) Acenaphthene	14.587	153	849169	31.459	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	105054	28.063	ng/ul#	76
55) 4-Nitrophenol	14.739	109	162222	30.910	ng/ul#	43
56) Dibenzofuran	14.922	168	1233214	31.175	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	329754	34.163	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.151	232	264957	32.233	ng/ul#	86
59) Diethylphthalate	15.345	149	1063229	31.679	ng/ul	93
61) Fluorene	15.569	166	1015228	31.383	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	520311	30.920	ng/ul	97
63) 4-Nitroaniline	15.592	138	240788	38.751	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.657	198	178364	31.759	ng/ul#	90
67) N-Nitrosodiphenylamine	15.781	169	885485	32.790	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	312971	31.559	ng/ul	94
69) Hexachlorobenzene	16.586	284	362319	31.763	ng/ul#	91
70) Atrazine	16.733	200	353111	32.640	ng/ul	90
71) Pentachlorophenol	16.928	266	226648	31.666	ng/ul#	83
72) Phenanthrene	17.316	178	1648968	32.087	ng/ul	99
74) Anthracene	17.410	178	1656292	32.127	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	459399	31.392	ng/uL#	87
76) Pentachlorobenzene	14.845	250	430760	32.442	ng/uL	92
77) Carbazole	17.680	167	1488312	32.849	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	1904755	34.517	ng/ul#	93
80) Fluoranthene	19.280	202	2012962	35.832	ng/ul	97
82) Pyrene	19.633	202	2048932	34.950	ng/ul	96
83) Butylbenzylphthalate	20.504	149	892989	38.093	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.269	252	615766	33.657	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	1890668	33.215	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	1288549	37.457	ng/ul#	81
87) Chrysene	21.392	228	1819483	32.496	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	2204033	39.960	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1710709	34.908	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	1529363	32.836	ng/ul#	98
93) Benzo(a)pyrene	23.674	252	1522864	33.447	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.309	276	1474385	34.421	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.321	278	1255612	33.783	ng/ul#	94
96) Benzo(g,h,i)perylene	27.086	276	1242624	34.743	ng/ul#	90

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

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