Quantitation Report (Qedit)

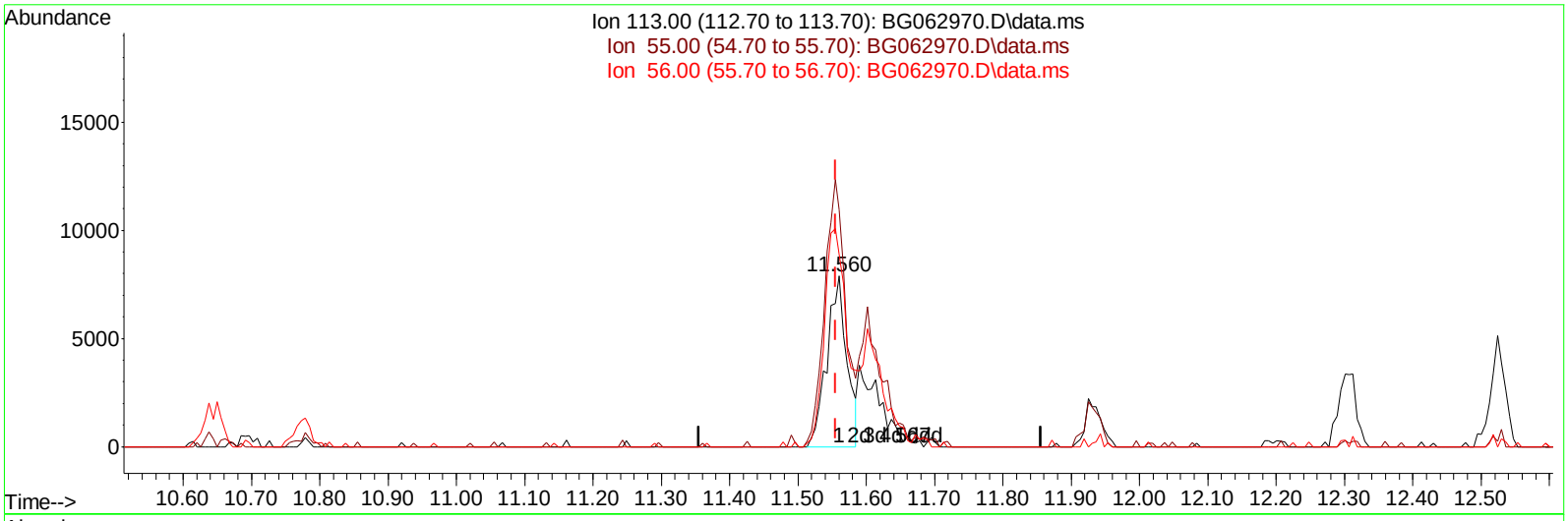
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091824\
Data File : BG062970.D
Acq On : 20 Sep 2024 9:18
Operator : JU/RC
Sample : PB163429BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

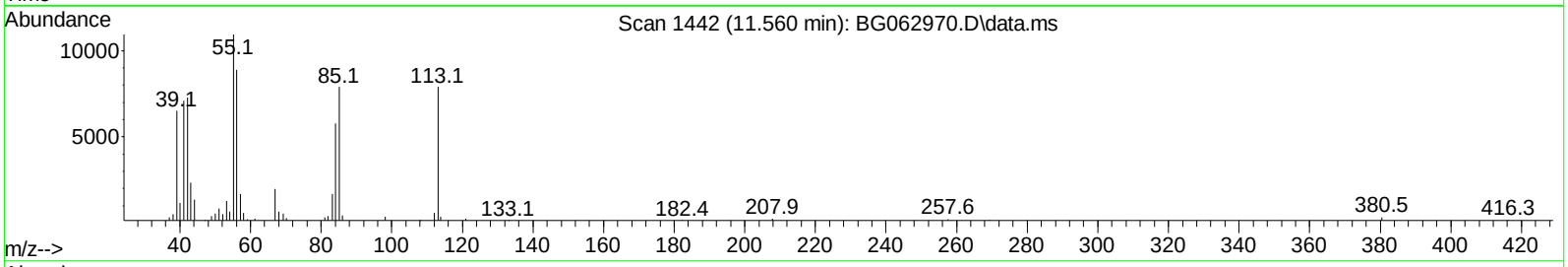
Quant Time: Sep 20 22:58:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 18 00:45:18 2024
Response via : Initial Calibration

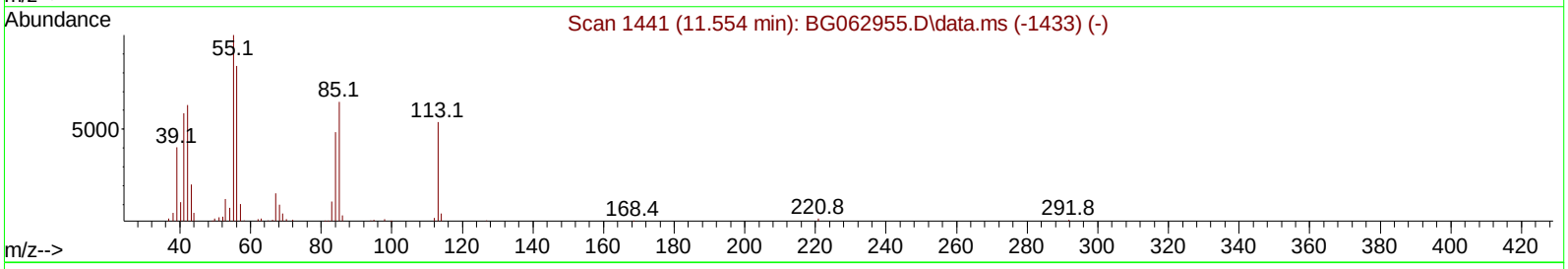
Instrument :
BNA_G
ClientSampleId :
SLCS429

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024







TIC: BG062970.D\data.ms

(34) Caprolactam

11.560min (+ 0.005) 15.14 ng/ul

response 15873

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.80	138.61
56.00	100.30	112.70
0.00	0.00	0.00

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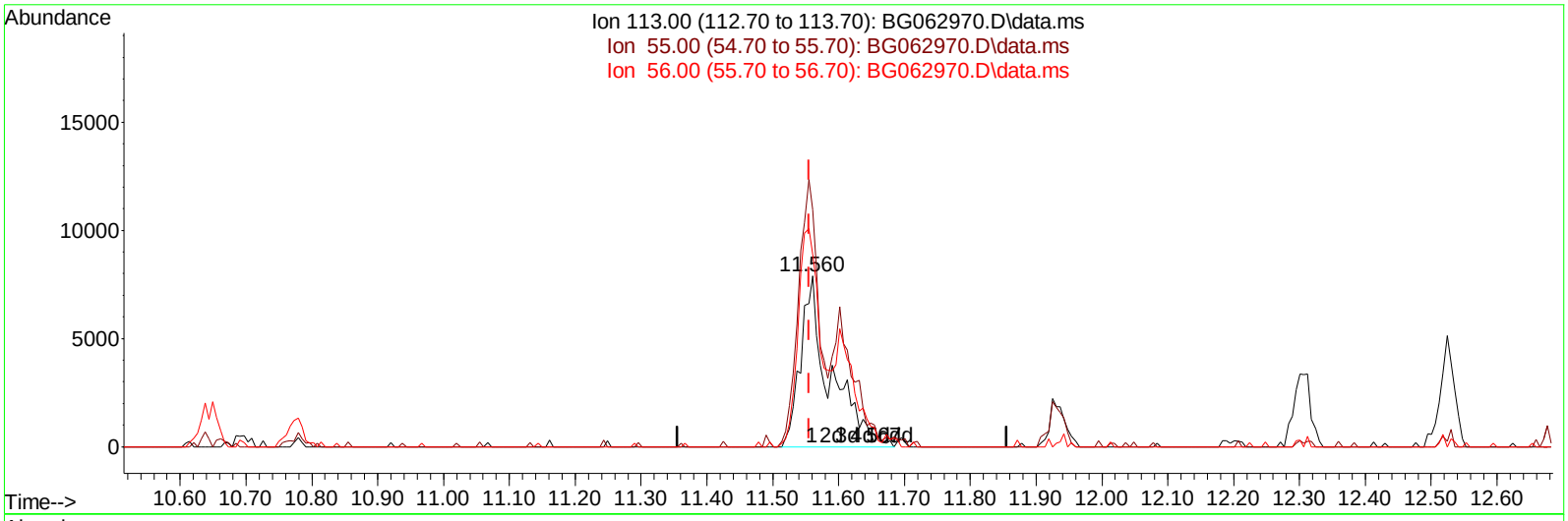

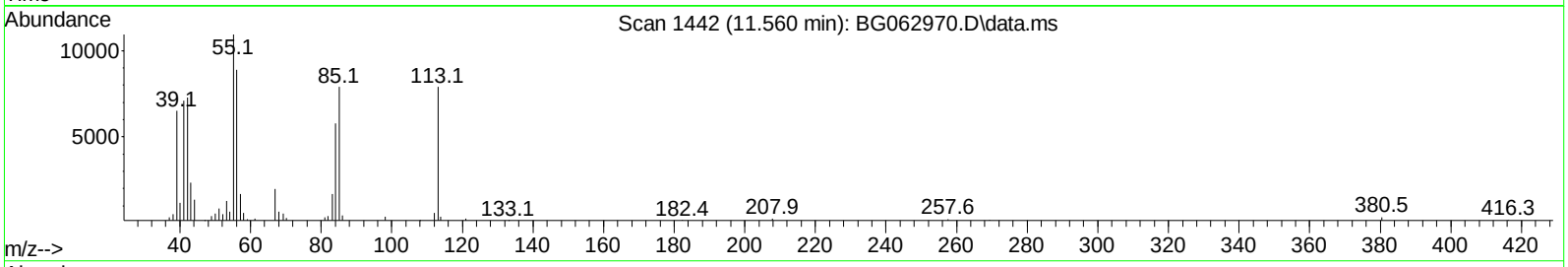

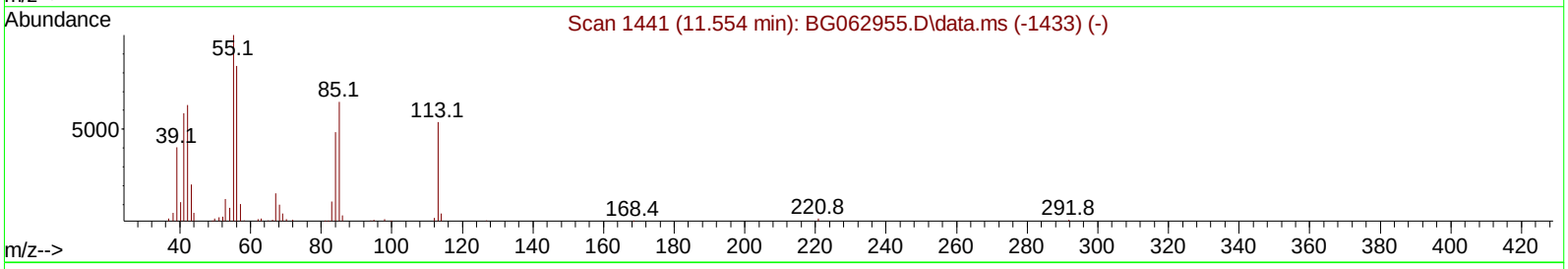

TIC: BG062970.D\data.ms

(34) Caprolactam

11.560min (+ 0.005) 23.26 ng/ul m

response 24396

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.80	138.61
56.00	100.30	112.70
0.00	0.00	0.00

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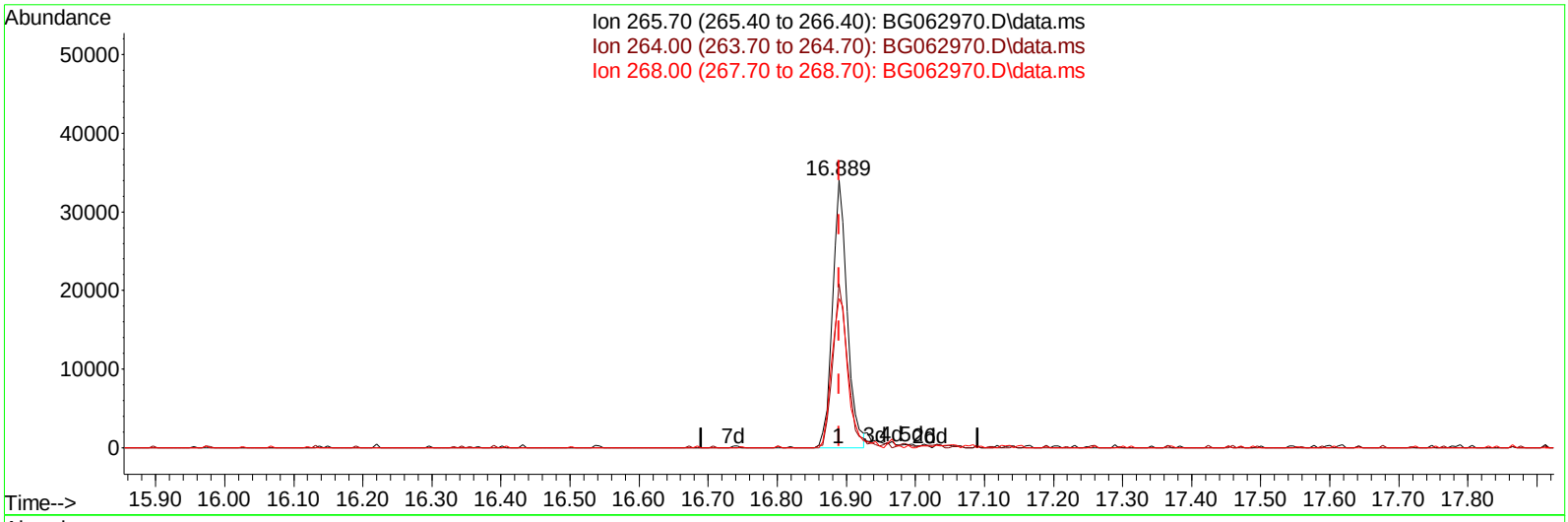

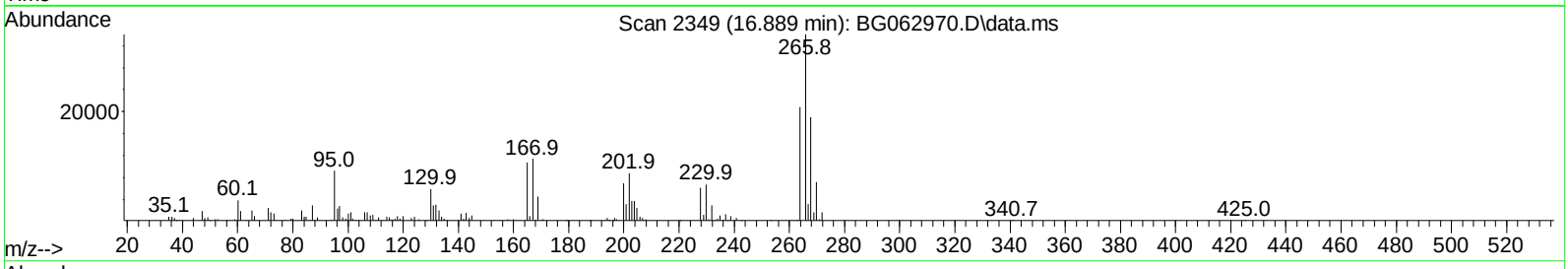

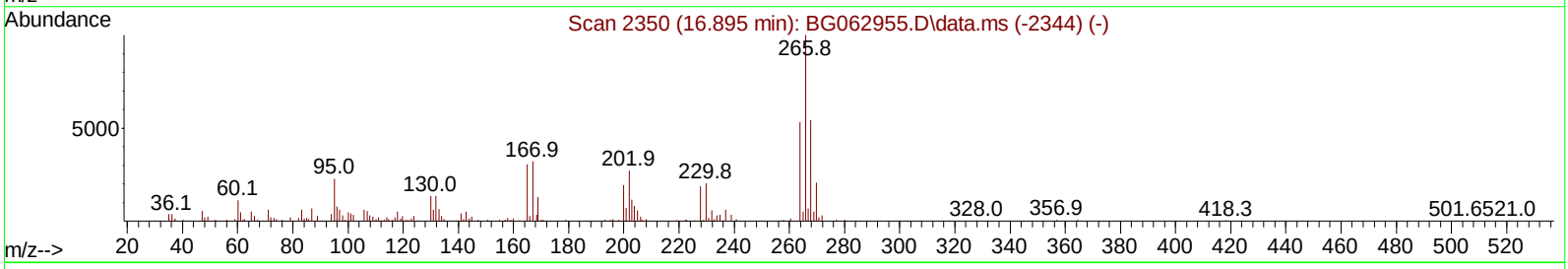

TIC: BG062970.D\data.ms

(71) Pentachlorophenol (C)

16.889min (-0.001) 20.26 ng/ul

response 50626

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	61.28
268.00	59.00	55.85
0.00	0.00	0.00

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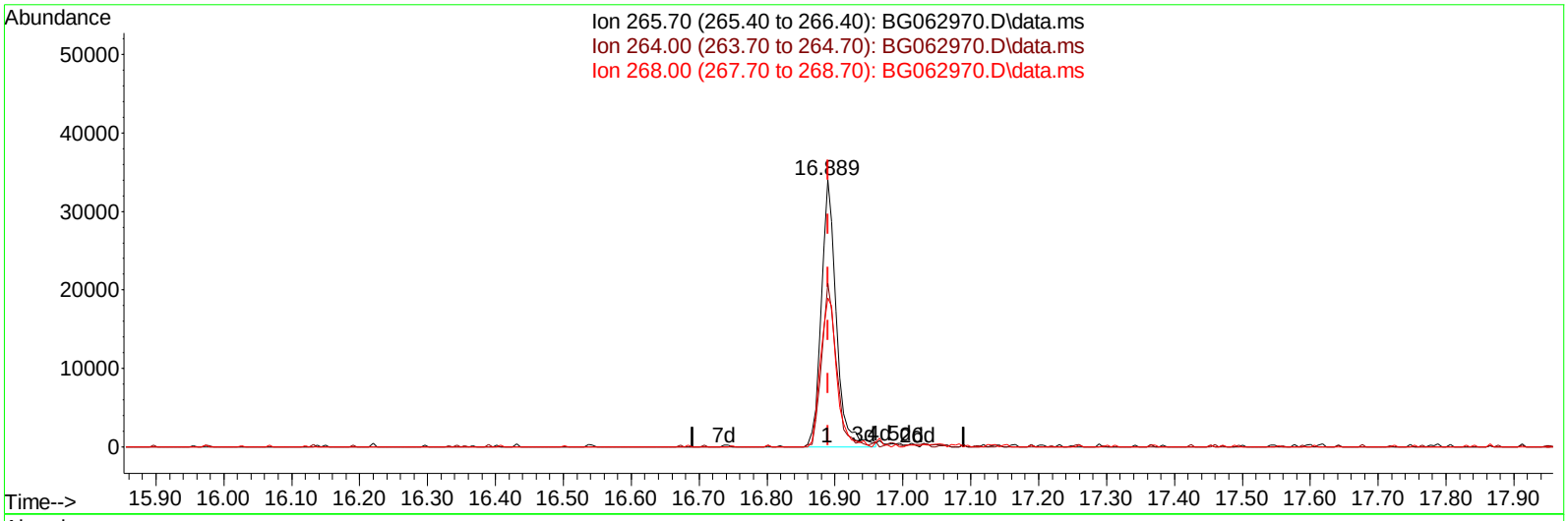

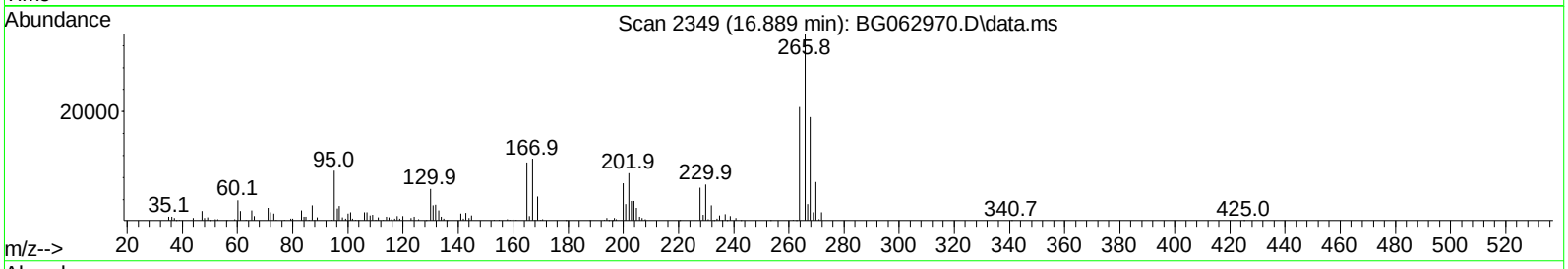

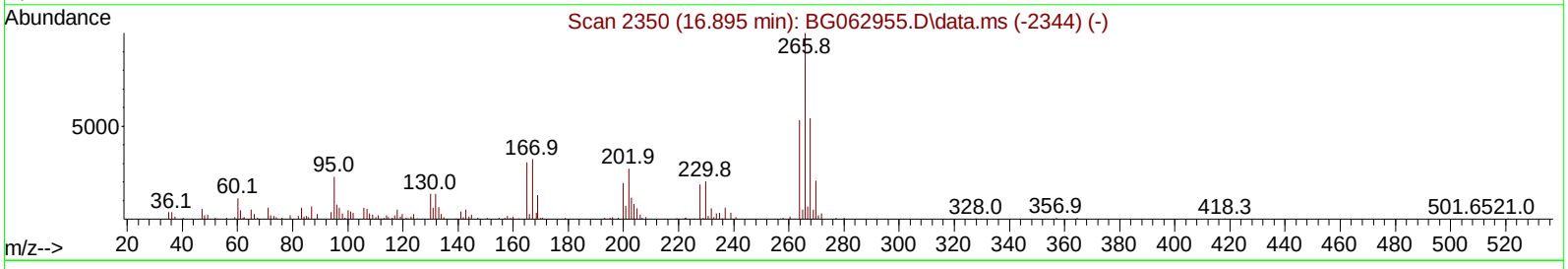

TIC: BG062970.D\data.ms

(71) Pentachlorophenol (C)

16.889min (-0.001) 21.00 ng/ul m

response 52467

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	53.70	61.28
268.00	59.00	55.85
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	7.859	152	43579	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	169684	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.486	164	144480	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	341308	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.490	240	351665	20.000	ng/ul	# 0.00
88) Perylene-d12	24.533	264	427788	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	5360	3.603	ng/uL	0.00
4) Pyridine-d5	3.734	84	81608	20.204	ng/ul	0.00
7) Phenol-d5	7.025	99	102351	22.634	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	51496	20.350	ng/ul	0.00
11) 2-Chlorophenol-d4	7.389	132	78008	26.275	ng/ul	0.00
15) 4-Methylphenol-d8	8.564	113	75699	22.852	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	33912	25.086	ng/ul	0.00
24) 2-Nitrophenol-d4	9.727	143	38607	25.174	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	81090	25.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.773	131	93055	23.499	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	259689	24.171	ng/ul	0.00
49) Acenaphthylene-d8	14.181	160	274293	22.858	ng/ul	0.00
54) 4-Nitrophenol-d4	14.698	143	35940	20.875	ng/ul	0.00
60) Fluorene-d10	15.479	176	234152	23.406	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.609	200	58305	28.259	ng/ul	0.00
73) Anthracene-d10	17.336	188	382161	23.692	ng/ul	0.00
81) Pyrene-d10	19.633	212	495842	23.280	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	522118	23.143	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	12888	8.753	ng/uL#	84
5) Pyridine	3.752	79	73779	18.343	ng/ul#	87
6) Benzaldehyde	6.995	77	42330	17.104	ng/ul	94
8) Phenol	7.054	94	115595	24.504	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.277	93	73929	23.179	ng/ul	93
12) 2-Chlorophenol	7.424	128	83126	27.277	ng/ul	98
13) 2-Methylphenol	8.294	108	86652	26.557	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.376	45	82679	20.893	ng/ul	96
16) Acetophenone	8.670	105	135326	25.971	ng/ul#	95
17) N-Nitroso-di-n-propyla...	8.658	70	71265	23.422	ng/ul#	90
18) 4-Methylphenol	8.629	108	86471	24.215	ng/ul	100
19) Hexachloroethane	8.928	117	31459	24.299	ng/ul	87
22) Nitrobenzene	9.052	77	116246	28.965	ng/ul#	93
23) Isophorone	9.569	82	215286	26.936	ng/ul#	97
25) 2-Nitrophenol	9.757	139	48709	28.923	ng/ul#	87
26) 2,4-Dimethylphenol	9.821	107	86473	22.918	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.050	93	109067	25.670	ng/ul	93
29) 2,4-Dichlorophenol	10.297	162	88578	28.121	ng/ul#	94
30) Naphthalene	10.697	128	248834	26.411	ng/ul#	96
32) 4-Chloroaniline	10.802	127	86377	22.404	ng/ul	98
33) Hexachlorobutadiene	10.985	225	79402	31.538	ng/ul	94
34) Caprolactam	11.560	113	24396m	23.265	ng/ul	
35) 4-Chloro-3-methylphenol	11.931	107	103689	28.641	ng/ul#	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.307	142	179930	26.501 ng/ul	95
37) 1-Methylnaphthalene	12.524	142	185864	27.050 ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.677	216	139932	27.328 ng/ul	97
40) Hexachlorocyclopentadiene	12.659	237	65855	24.243 ng/ul	95
41) 2,4,6-Trichlorophenol	12.918	196	72645	22.768 ng/ul#	96
42) 2,4,5-Trichlorophenol	12.988	196	82227	24.530 ng/ul	93
43) 1,1'-Biphenyl	13.317	154	268062	24.977 ng/ul	98
44) 2-Chloronaphthalene	13.358	162	211049	24.468 ng/ul	96
45) 2-Nitroaniline	13.564	65	85585	29.348 ng/ul	97
47) Dimethylphthalate	13.940	163	286130	26.030 ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	59416	28.327 ng/ul	91
50) Acenaphthylene	14.210	152	320852	25.397 ng/ul	100
51) 3-Nitroaniline	14.392	138	54126	28.775 ng/ul#	99
52) Acenaphthene	14.551	153	225463	24.570 ng/ul	96
53) 2,4-Dinitrophenol	14.604	184	37665	30.065 ng/ul	98
55) 4-Nitrophenol	14.710	109	62796	32.299 ng/ul#	79
56) Dibenzofuran	14.886	168	345996	25.425 ng/ul	94
57) 2,4-Dinitrotoluene	14.857	165	86742	27.439 ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.115	232	64023	21.225 ng/ul#	92
59) Diethylphthalate	15.309	149	282521	23.099 ng/ul	96
61) Fluorene	15.538	166	271886	26.112 ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.532	204	159597	27.778 ng/ul	95
63) 4-Nitroaniline	15.562	138	57813	30.624 ng/ul#	69
66) 4,6-Dinitro-2-methylph...	15.620	198	68664	31.111 ng/ul#	88
67) N-Nitrosodiphenylamine	15.744	169	256310	26.741 ng/ul	98
68) 4-Bromophenyl-phenylether	16.425	248	115805	30.520 ng/ul	96
69) Hexachlorobenzene	16.543	284	137345	31.350 ng/ul	90
70) Atrazine	16.696	200	1402	0.353 ng/ul#	74
71) Pentachlorophenol	16.889	266	52467m	21.002 ng/ul	
72) Phenanthrene	17.277	178	476443	26.277 ng/ul	99
74) Anthracene	17.371	178	477988	25.530 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.288	216	150531	28.922 ng/ul	99
76) Pentachlorobenzene	14.810	250	138408	25.196 ng/ul	96
77) Carbazole	17.642	167	390198	26.178 ng/ul	99
78) Di-n-butylphthalate	18.206	149	470276	24.530 ng/ul#	98
80) Fluoranthene	19.298	202	608596	26.183 ng/ul#	91
82) Pyrene	19.663	202	629003	25.383 ng/ul#	91
83) Butylbenzylphthalate	20.556	149	208722	24.235 ng/ul	91
84) 3,3'-Dichlorobenzidine	21.390	252	233966	29.664 ng/ul#	98
85) Benzo(a)anthracene	21.472	228	658566	26.435 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.390	149	294722	23.685 ng/ul#	96
87) Chrysene	21.537	228	626411	26.874 ng/ul	98
89) Di-n-octyl phthalate	22.536	149	510165	22.518 ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	700189	26.885 ng/ul#	98
91) Benzo(k)fluoranthene	23.634	252	670230	25.830 ng/ul#	98
93) Benzo(a)pyrene	24.392	252	586735	23.965 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	27.959	276	813556	27.118 ng/ul#	87
95) Dibenzo(a,h)anthracene	28.023	278	661703	27.591 ng/ul#	91
96) Benzo(g,h,i)perylene	29.028	276	628462	27.283 ng/ul#	95

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

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