Quantitation Report (Qedit)

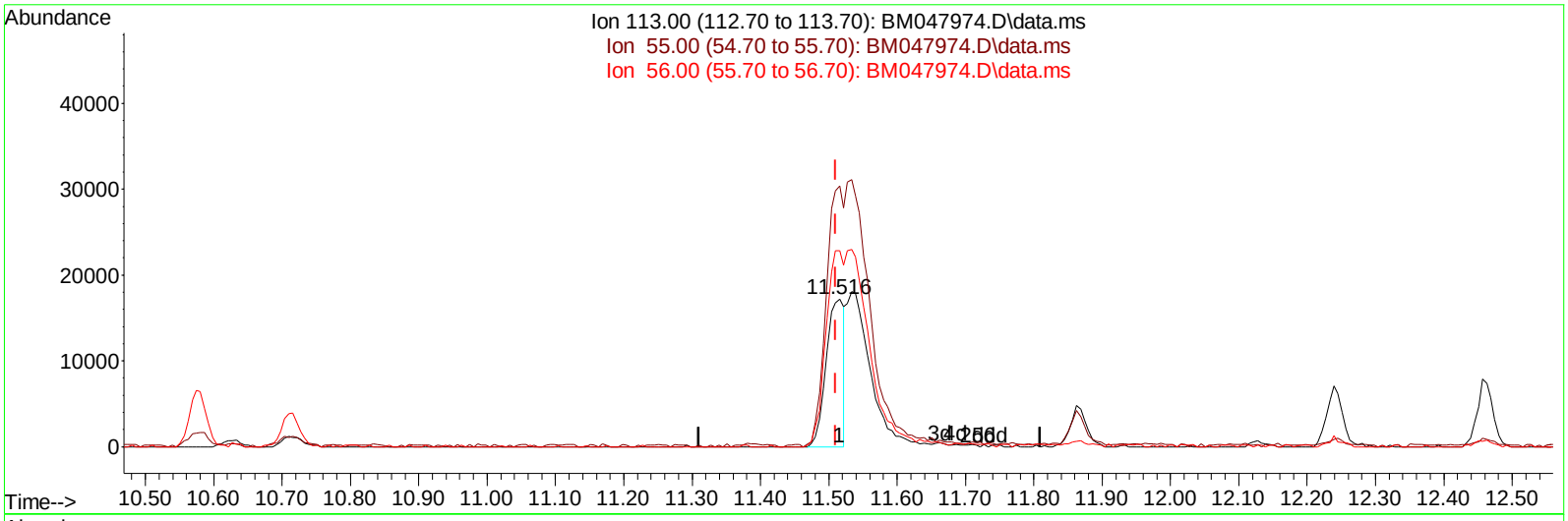
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047974.D
Acq On : 10 Oct 2024 11:09
Operator : RC/JU
Sample : PB163766BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

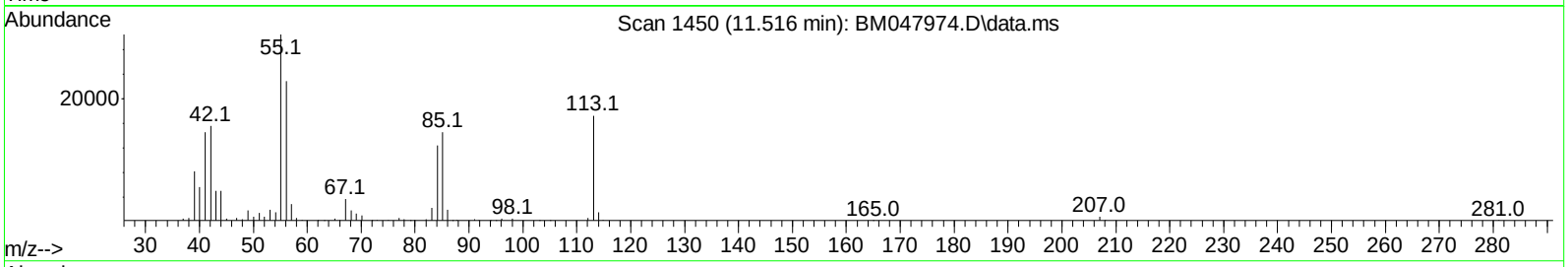
Quant Time: Oct 10 11:44:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

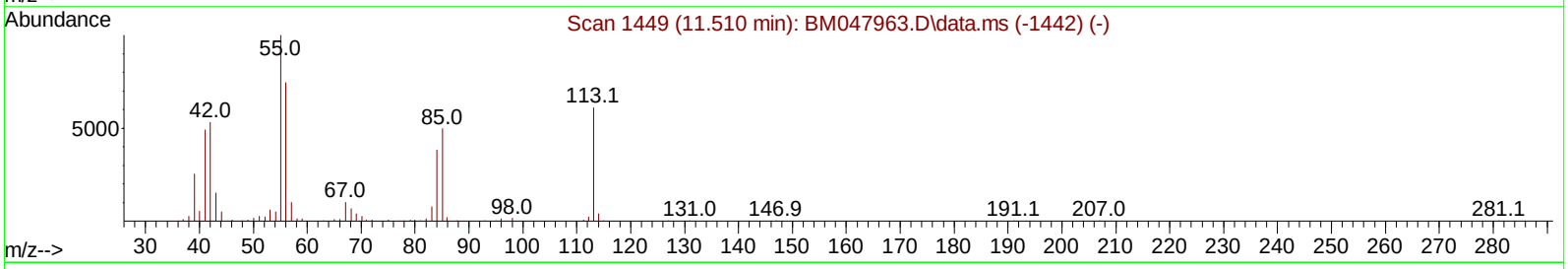
Instrument :
BNA_M
ClientSampleId :
SLCS766

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047974.D\data.ms

(34) Caprolactam

11.516min (+ 0.006) 5.98 ng/ul

response 31362

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	176.79
56.00	164.10	132.70
0.00	0.00	0.00

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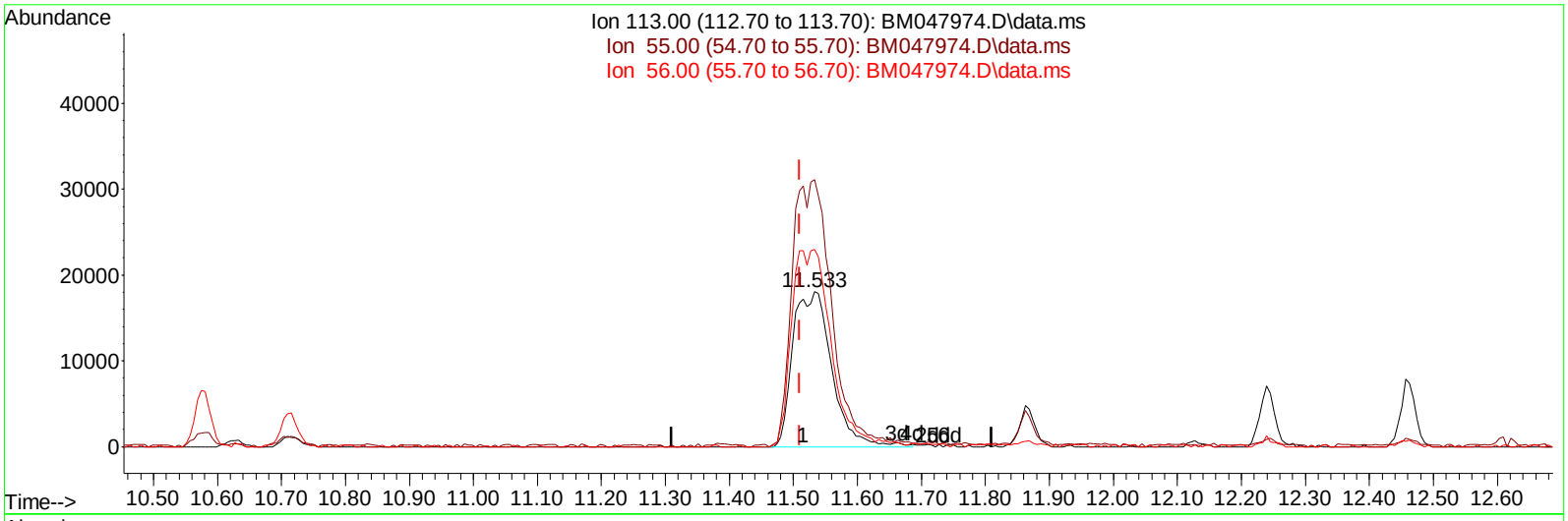

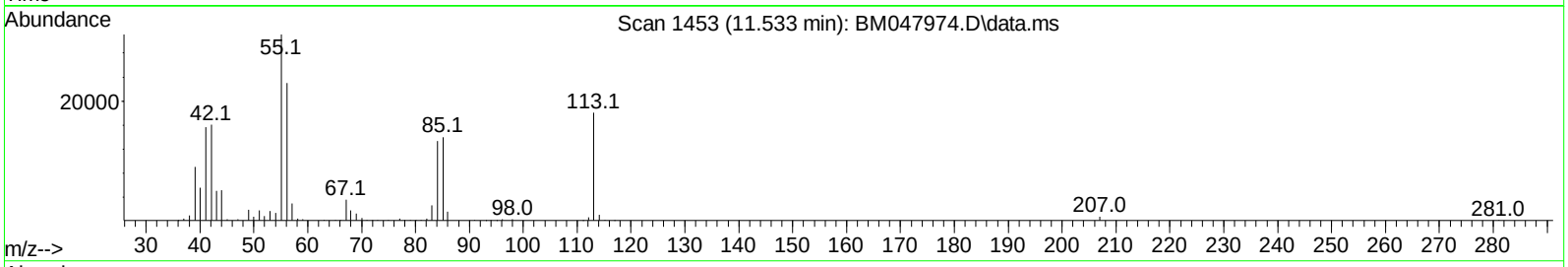

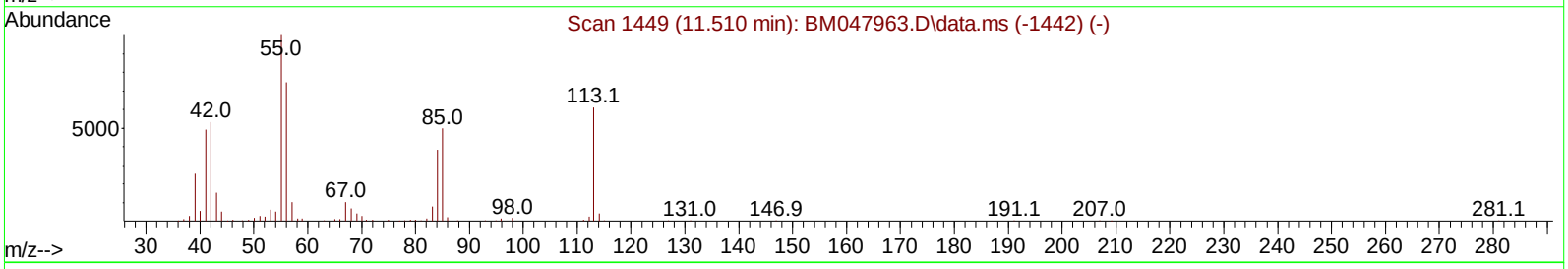

TIC: BM047974.D\data.ms

(34) Caprolactam

11.533min (+ 0.024) 14.46 ng/ul m

response 75888

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	172.33
56.00	164.10	127.36#
0.00	0.00	0.00

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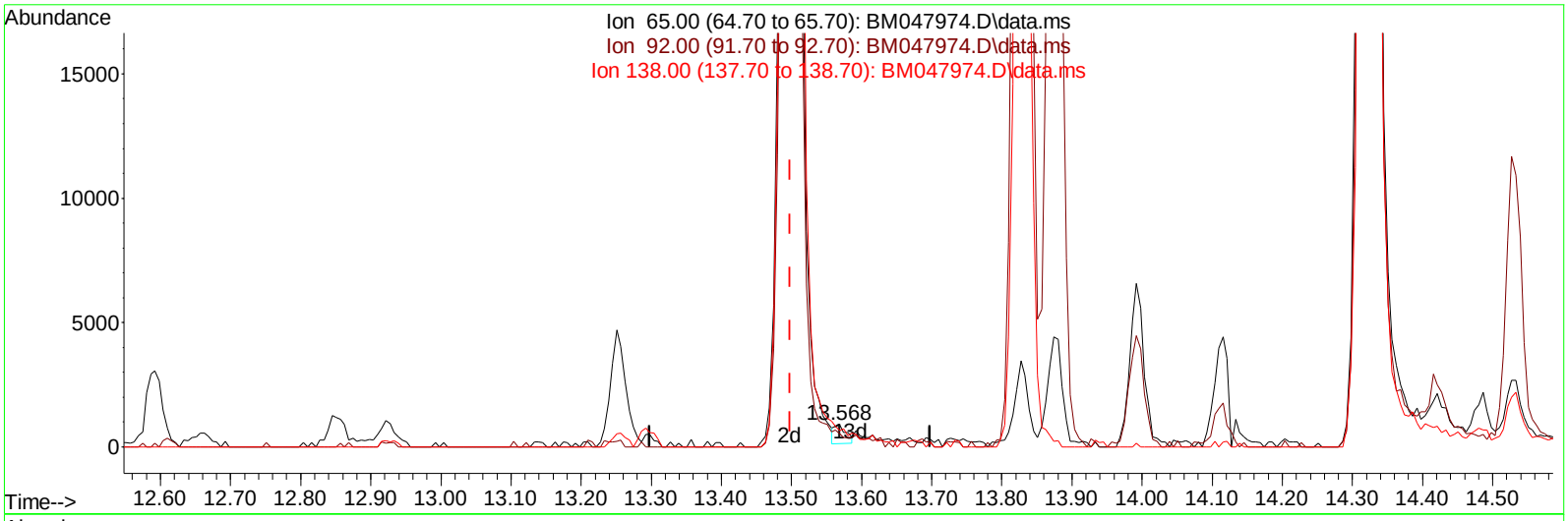

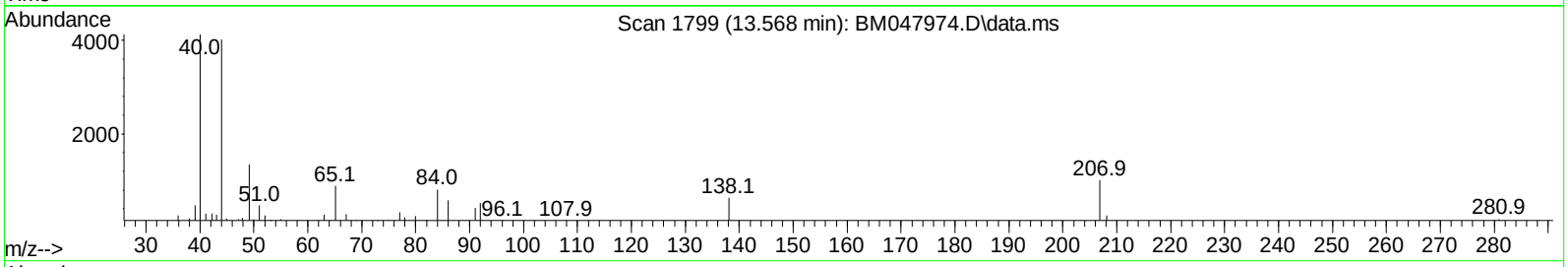

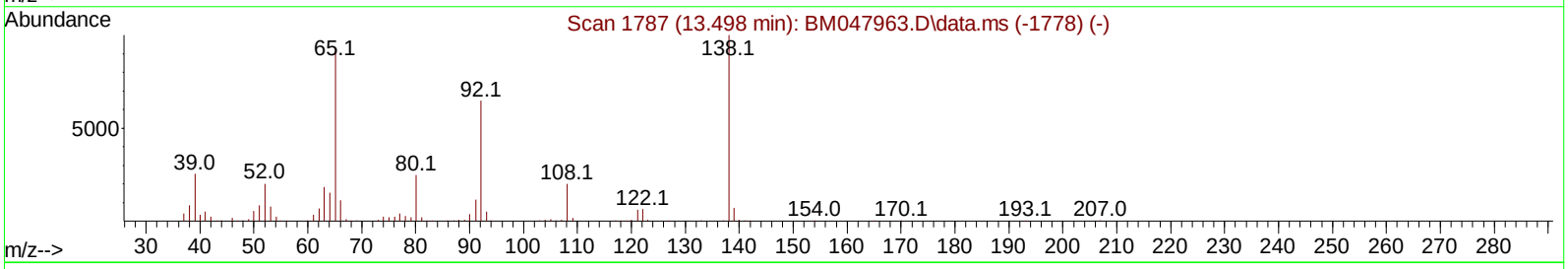

TIC: BM047974.D\data.ms

(45) 2-Nitroaniline

13.568min (+ 0.071) 0.07 ng/ul

response 906

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	59.71
138.00	84.50	72.23
0.00	0.00	0.00

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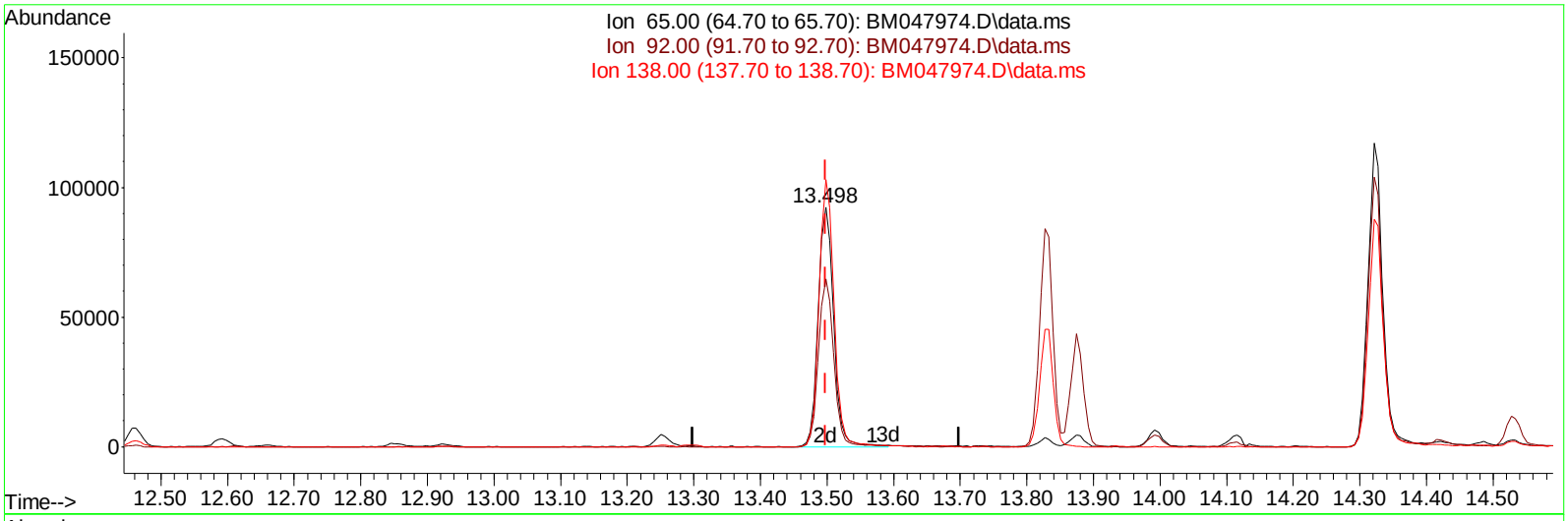

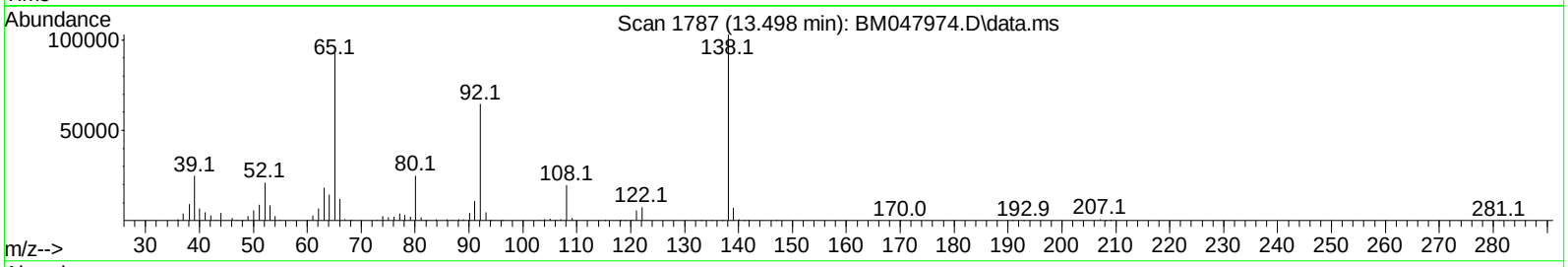

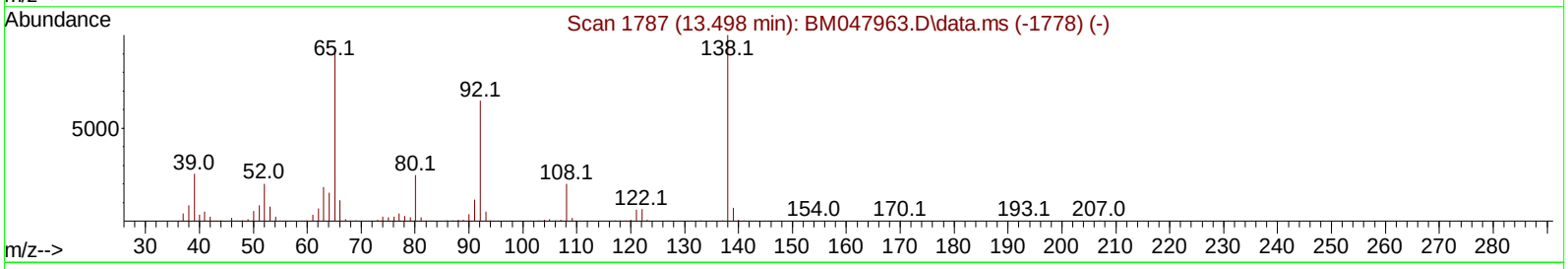

TIC: BM047974.D\data.ms

(45) 2-Nitroaniline

13.498min (-0.000) 12.05 ng/ul m

response 149527

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	69.88
138.00	84.50	111.35#
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	7.786	152	267828	20.000	ng/ul	0.00
20) Naphthalene-d8	10.580	136	1042406	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	631096	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.156	188	1296430	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1320236	20.000	ng/ul	0.00
88) Perylene-d12	24.374	264	1510612	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	38778	4.679	ng/uL	0.00
4) Pyridine-d5	3.657	84	540960	22.292	ng/ul	0.00
7) Phenol-d5	6.957	99	636712	25.141	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	375626	20.901	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	525825	28.537	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	487395	25.884	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	245667	29.600	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	265019	33.321	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	481551	30.308	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	669828	27.269	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1272167	27.804	ng/ul	0.00
49) Acenaphthylene-d8	14.115	160	1556282	28.687	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	270315	29.673	ng/ul	0.00
60) Fluorene-d10	15.410	176	1140820	28.785	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	213928	28.198	ng/ul	0.00
73) Anthracene-d10	17.256	188	1800985	28.252	ng/ul	0.00
81) Pyrene-d10	19.545	212	2174477	29.020	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.168	264	2367672	30.209	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	39436	4.356	ng/uL	92
5) Pyridine	3.675	79	277827	10.875	ng/ul	94
6) Benzaldehyde	6.928	77	161899	11.755	ng/ul	92
8) Phenol	6.981	94	329006	12.209	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.210	93	250832	11.682	ng/ul	91
12) 2-Chlorophenol	7.351	128	267713	13.714	ng/ul	93
13) 2-Methylphenol	8.233	108	235496	12.533	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.304	45	374213	9.258	ng/ul#	94
16) Acetophenone	8.604	105	380175	11.800	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.592	70	184810	10.830	ng/ul#	91
18) 4-Methylphenol	8.557	108	263331	12.471	ng/ul	97
19) Hexachloroethane	8.863	117	112495	12.821	ng/ul	91
22) Nitrobenzene	8.980	77	287093	12.177	ng/ul	93
23) Isophorone	9.510	82	508474	12.056	ng/ul	96
25) 2-Nitrophenol	9.692	139	140629	15.455	ng/ul#	88
26) 2,4-Dimethylphenol	9.757	107	216828	11.121	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.986	93	311384	12.071	ng/ul	99
29) 2,4-Dichlorophenol	10.227	162	245324	14.953	ng/ul	97
30) Naphthalene	10.627	128	814277	13.580	ng/ul	99
32) 4-Chloroaniline	10.733	127	274231	11.338	ng/ul	99
33) Hexachlorobutadiene	10.916	225	151286	13.956	ng/ul	97
34) Caprolactam	11.533	113	75888m	14.463	ng/ul	
35) 4-Chloro-3-methylphenol	11.863	107	239328	14.092	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.239	142	526380	13.817	ng/ul	99
37) 1-Methylnaphthalene	12.463	142	526477	13.583	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	287119	13.976	ng/ul	98
40) Hexachlorocyclopentadiene	12.592	237	122843	9.886	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	174801	14.706	ng/ul	98
42) 2,4,5-Trichlorophenol	12.927	196	190921	14.688	ng/ul	99
43) 1,1'-Biphenyl	13.251	154	678065	13.419	ng/ul	96
44) 2-Chloronaphthalene	13.292	162	543938	13.919	ng/ul	97
45) 2-Nitroaniline	13.498	65	149527m	12.053	ng/ul	
47) Dimethylphthalate	13.874	163	636248	13.731	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	121205	14.894	ng/ul	89
50) Acenaphthylene	14.139	152	866321	14.160	ng/ul	99
51) 3-Nitroaniline	14.321	138	138472	14.059	ng/ul	93
52) Acenaphthene	14.486	153	583403	13.490	ng/ul	97
53) 2,4-Dinitrophenol	14.533	184	64575	12.842	ng/ul#	77
55) 4-Nitrophenol	14.633	109	99706	13.036	ng/ul	91
56) Dibenzofuran	14.821	168	812053	13.949	ng/ul	96
57) 2,4-Dinitrotoluene	14.780	165	187136	15.311	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.045	232	162482	15.858	ng/ul#	96
59) Diethylphthalate	15.239	149	628390	13.554	ng/ul	98
61) Fluorene	15.468	166	666527	13.723	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.462	204	315399	13.743	ng/ul	96
63) 4-Nitroaniline	15.480	138	155059	16.210	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.545	198	115823	13.778	ng/ul	92
67) N-Nitrosodiphenylamine	15.674	169	550403	13.624	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	189021	14.145	ng/ul	95
69) Hexachlorobenzene	16.468	284	230087	14.795	ng/ul	95
70) Atrazine	16.621	200	138773	10.319	ng/ul	98
71) Pentachlorophenol	16.815	266	140447	14.203	ng/ul	98
72) Phenanthrene	17.203	178	1057320	13.907	ng/ul	100
74) Anthracene	17.292	178	1065006	13.734	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.221	216	274591	12.792	ng/uL	99
76) Pentachlorobenzene	14.739	250	263145	12.559	ng/uL	97
77) Carbazole	17.562	167	1006200	14.316	ng/ul	98
78) Di-n-butylphthalate	18.121	149	1074855	13.736	ng/ul	99
80) Fluoranthene	19.209	202	1261608	14.296	ng/ul	98
82) Pyrene	19.574	202	1384916	14.100	ng/ul	96
83) Butylbenzylphthalate	20.468	149	511802	14.739	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.286	252	421909	15.124	ng/ul	98
85) Benzo(a)anthracene	21.362	228	1361864	14.733	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	732048	14.042	ng/ul	98
87) Chrysene	21.427	228	1287452	14.286	ng/ul	98
89) Di-n-octyl phthalate	22.409	149	1280604	13.143	ng/ul	100
90) Benzo(b)fluoranthene	23.427	252	1367528	14.516	ng/ul	98
91) Benzo(k)fluoranthene	23.485	252	1364641	14.167	ng/ul	99
93) Benzo(a)pyrene	24.227	252	1263190	14.119	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.738	276	1631789	14.232	ng/ul	98
95) Dibenzo(a,h)anthracene	27.791	278	1335711	14.215	ng/ul	98
96) Benzo(g,h,i)perylene	28.791	276	1286658	14.323	ng/ul	96

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

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