Quantitation Report (Qedit)

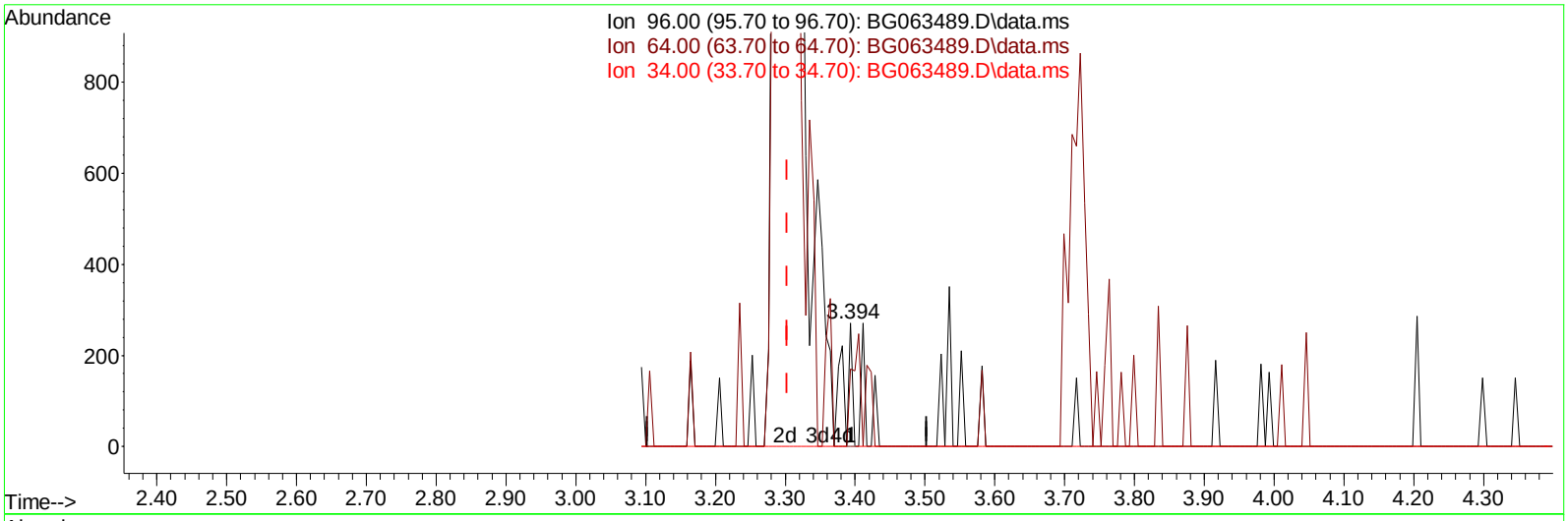
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
Data File : BG063489.D
Acq On : 20 Nov 2024 17:50
Operator : RC/JU
Sample : PB165114BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

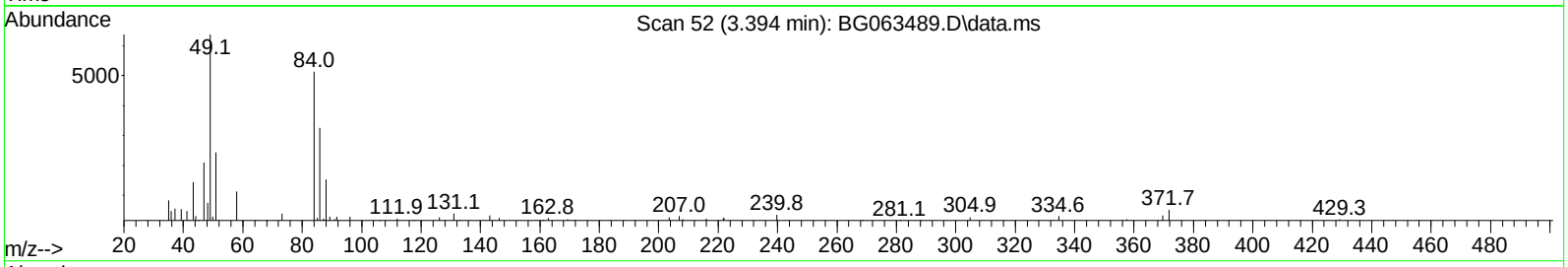
Quant Time: Nov 20 22:58:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

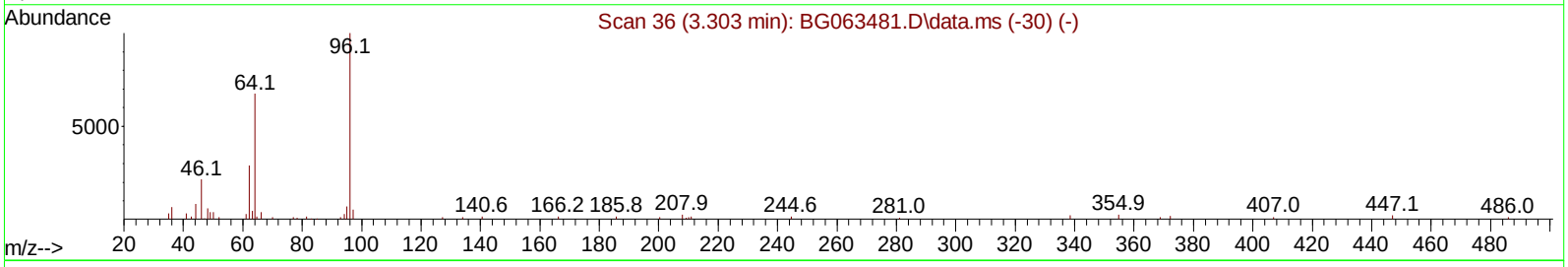
Instrument :
BNA_G
ClientSampleId :
SLCS114

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BG063489.D\data.ms

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

3.394min (+ 0.091) 0.04 ng/uL

response 96

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.50	62.73
34.00	0.00	0.00
0.00	0.00	0.00

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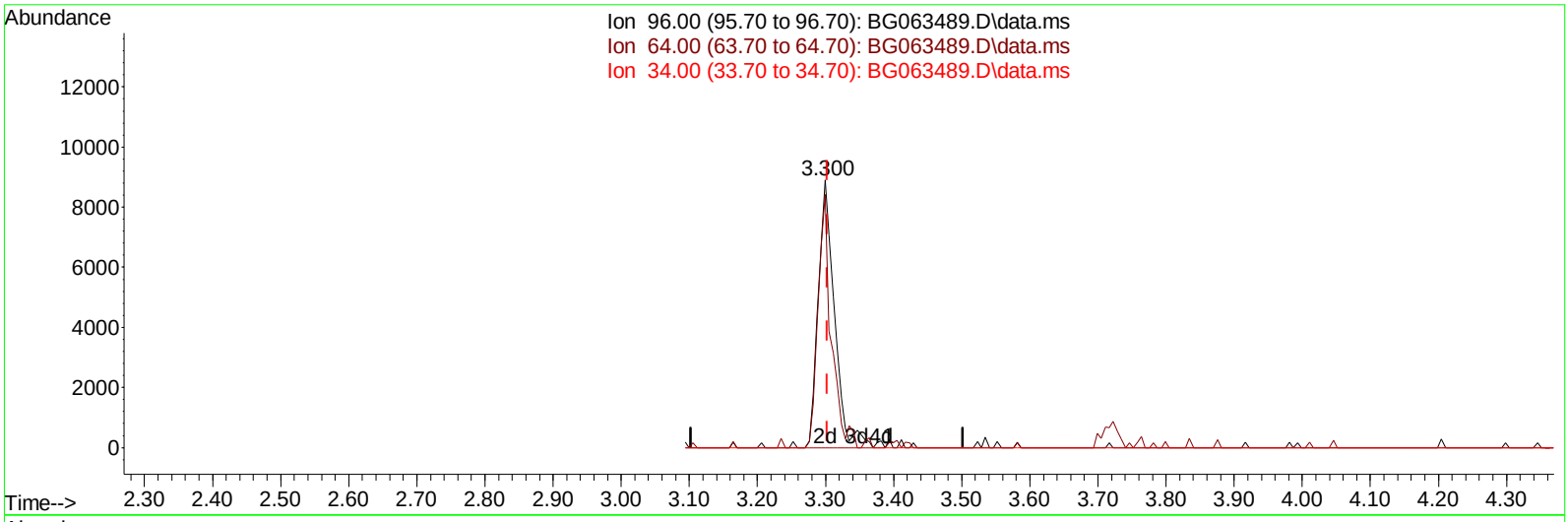

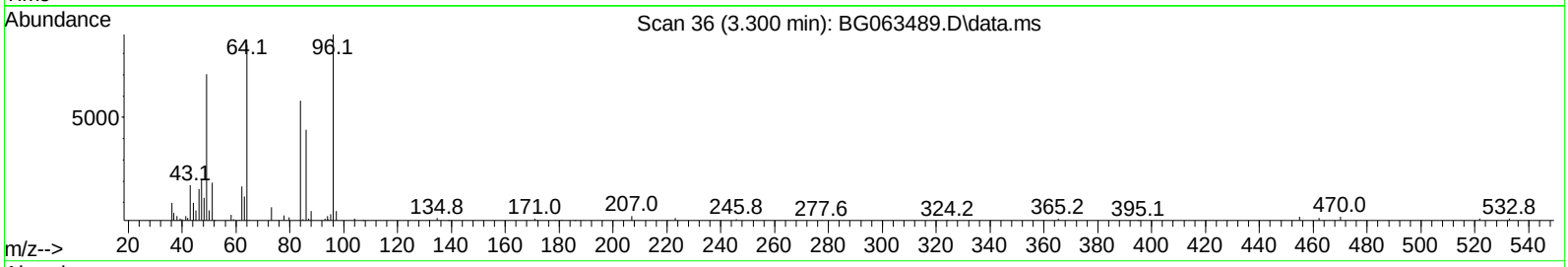

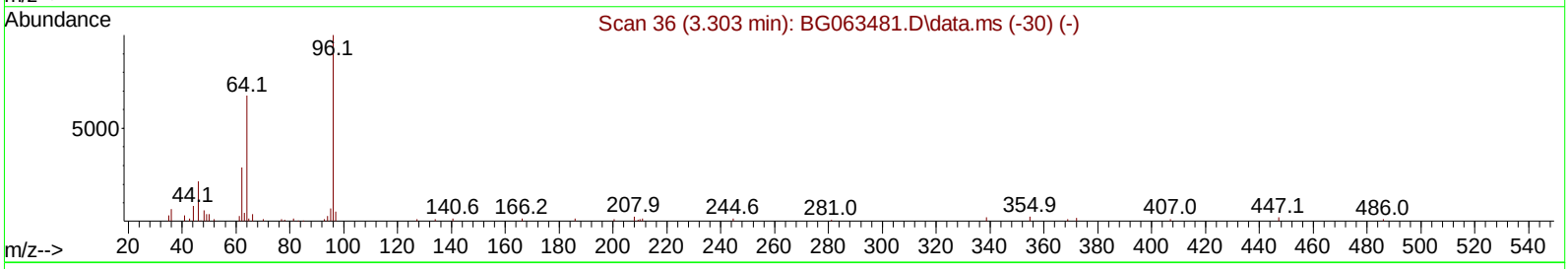

TIC: BG063489.D\data.ms

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

3.300min (-0.003) 6.15 ng/uL m

response 14772

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	67.50	94.59#
34.00	0.00	0.00
0.00	0.00	0.00

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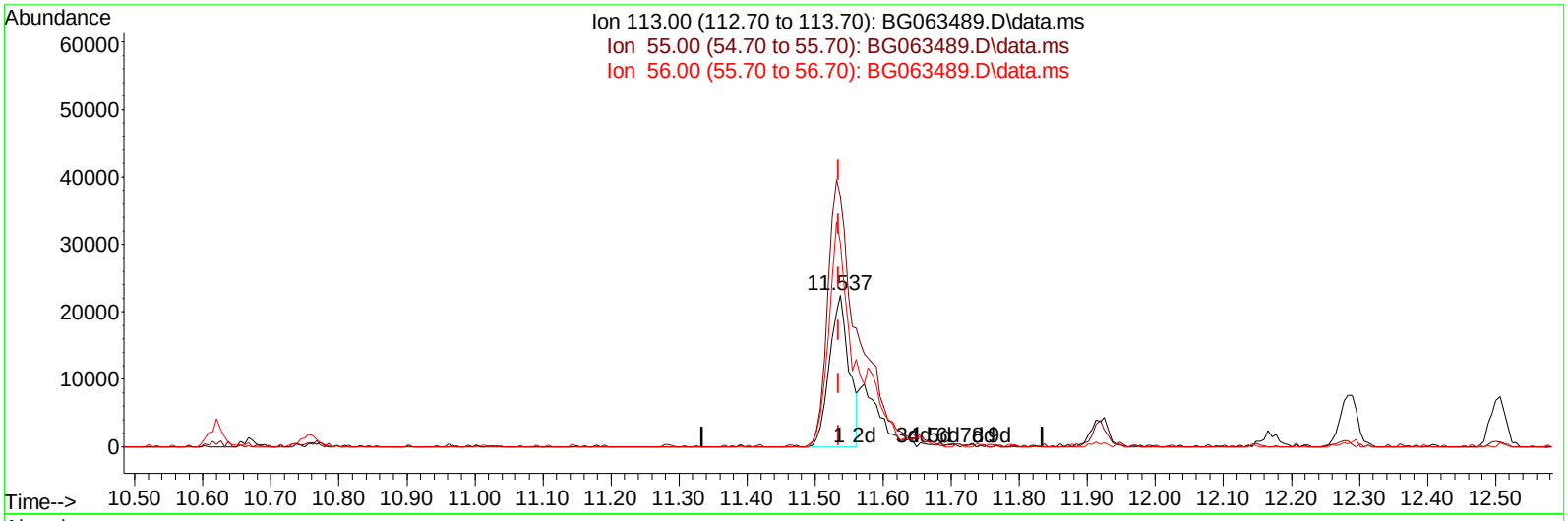

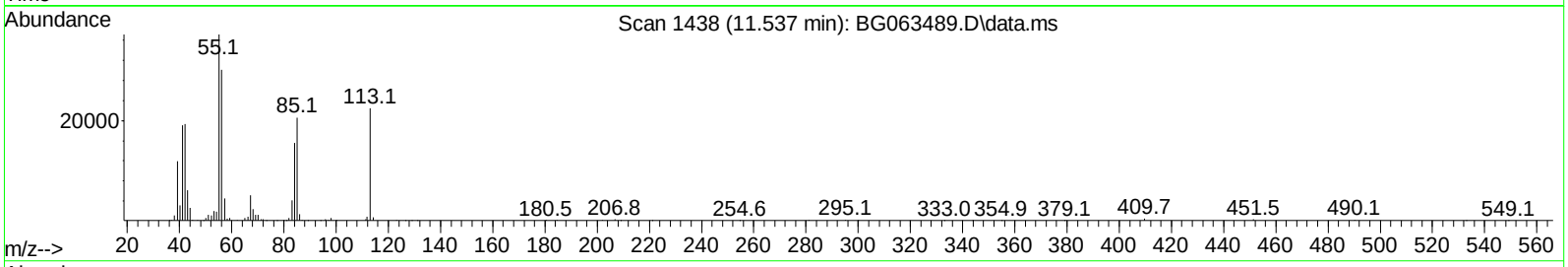

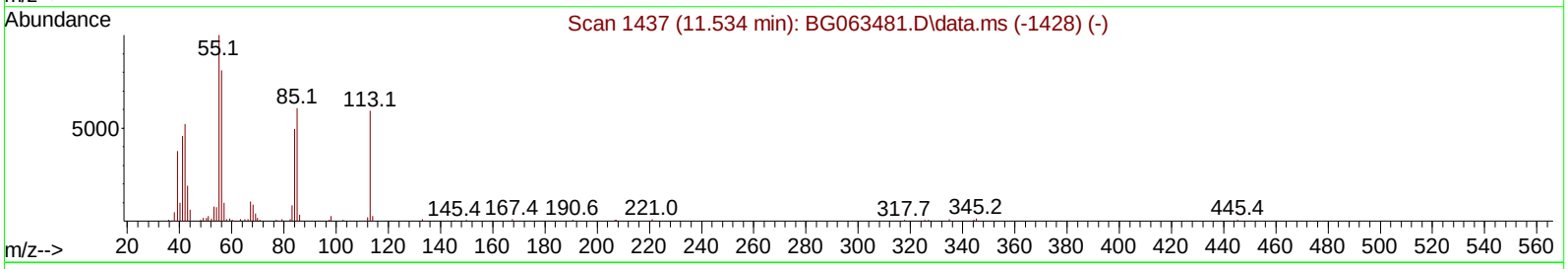

TIC: BG063489.D\data.ms

(34) Caprolactam

11.537min (+ 0.003) 21.27 ng/ul

response 45174

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	165.11
56.00	137.20	134.14
0.00	0.00	0.00

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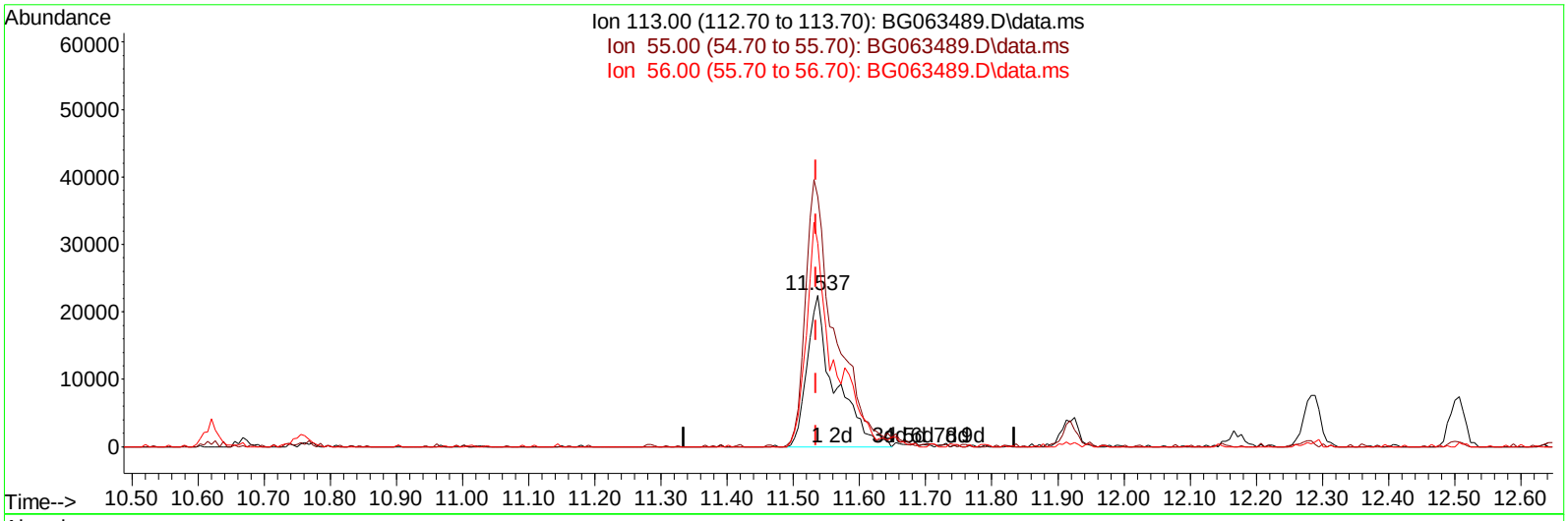

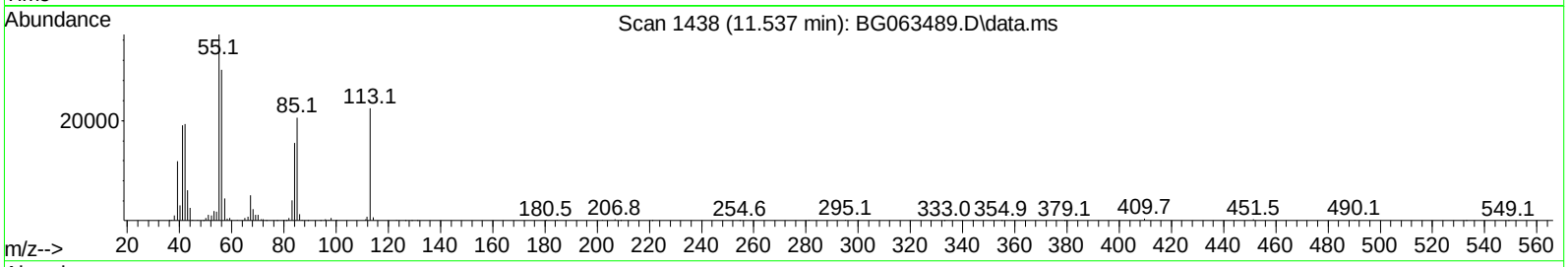

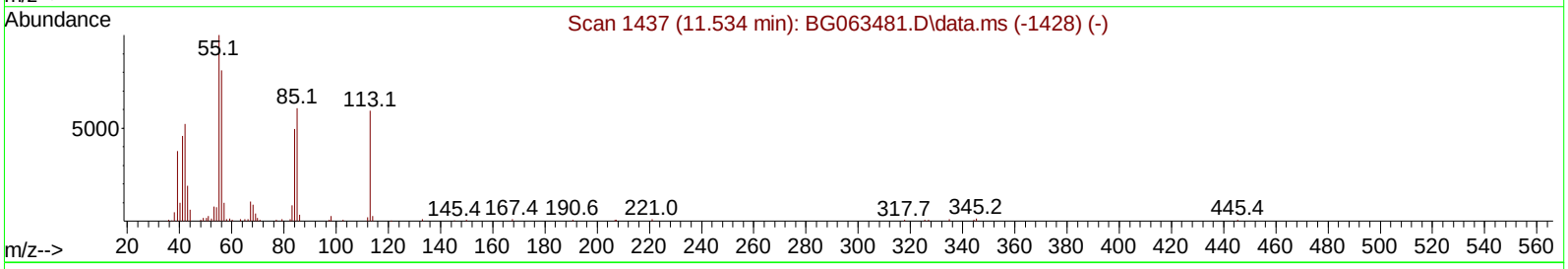

TIC: BG063489.D\data.ms

(34) Caprolactam

11.537min (+ 0.003) 30.62 ng/ul m

response 65041

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	165.11
56.00	137.20	134.14
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	7.830	152	94764	20.000	ng/ul	0.00
20) Naphthalene-d8	10.620	136	380905	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	289968	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	736959	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	848219	20.000	ng/ul	0.00
88) Perylene-d12	24.528	264	898014	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	14772m	6.152	ng/uL	0.00
4) Pyridine-d5	3.705	84	227945	30.289	ng/ul	0.00
7) Phenol-d5	7.007	99	255294	32.756	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	157389	31.485	ng/ul	0.00
11) 2-Chlorophenol-d4	7.365	132	184458	33.396	ng/ul	0.00
15) 4-Methylphenol-d8	8.541	113	211422	32.462	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	90279	33.004	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	110670	32.751	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	221419	34.329	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	229857	28.176	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	678385	34.463	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	753055	33.547	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	99598	34.052	ng/ul	0.00
60) Fluorene-d10	15.468	176	609237	34.062	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	137901	33.284	ng/ul	0.00
73) Anthracene-d10	17.324	188	1041353	32.525	ng/ul	0.00
81) Pyrene-d10	19.622	212	1409119	33.141	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	1464944	33.633	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	30990	10.932	ng/uL#	84
5) Pyridine	3.723	79	233942	30.550	ng/ul	96
6) Benzaldehyde	6.978	77	14805	3.319	ng/ul	93
8) Phenol	7.036	94	273198	32.146	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.254	93	190055	30.983	ng/ul	93
12) 2-Chlorophenol	7.401	128	187848	31.863	ng/ul	97
13) 2-Methylphenol	8.282	108	199949	31.621	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.347	45	286345	31.865	ng/ul	95
16) Acetophenone	8.646	105	314314	30.551	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.635	70	182355	31.716	ng/ul	95
18) 4-Methylphenol	8.605	108	225597	32.528	ng/ul	86
19) Hexachloroethane	8.905	117	78266	30.739	ng/ul	99
22) Nitrobenzene	9.028	77	266594	31.769	ng/ul	99
23) Isophorone	9.551	82	492830	32.163	ng/ul	99
25) 2-Nitrophenol	9.739	139	114368	34.114	ng/ul	93
26) 2,4-Dimethylphenol	9.804	107	195014	26.984	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.033	93	275285	32.453	ng/ul	98
29) 2,4-Dichlorophenol	10.274	162	208263	33.050	ng/ul	97
30) Naphthalene	10.667	128	635877	32.658	ng/ul	96
32) 4-Chloroaniline	10.779	127	125562	16.107	ng/ul	99
33) Hexachlorobutadiene	10.955	225	174001	30.956	ng/ul	94
34) Caprolactam	11.537	113	65041m	30.624	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	216261	33.720	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	459320	33.234	ng/ul	92
37) 1-Methylnaphthalene	12.506	142	450119	31.017	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.653	216	323785	31.776	ng/ul	99
40) Hexachlorocyclopentadiene	12.636	237	108074	24.866	ng/ul	97
41) 2,4,6-Trichlorophenol	12.900	196	183260	32.777	ng/ul	97
42) 2,4,5-Trichlorophenol	12.977	196	201572	34.933	ng/ul	95
43) 1,1'-Biphenyl	13.300	154	646054	33.571	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	490259	32.422	ng/ul	97
45) 2-Nitroaniline	13.546	65	171272	35.936	ng/ul	97
47) Dimethylphthalate	13.928	163	647352	33.753	ng/ul#	98
48) 2,6-Dinitrotoluene	14.046	165	131176	33.713	ng/ul#	86
50) Acenaphthylene	14.193	152	761756	33.757	ng/ul	97
51) 3-Nitroaniline	14.375	138	128202	35.975	ng/ul#	98
52) Acenaphthene	14.534	153	542396	33.278	ng/ul	94
53) 2,4-Dinitrophenol	14.592	184	64422	32.248	ng/ul	99
55) 4-Nitrophenol	14.704	109	111953	32.936	ng/ul	90
56) Dibenzofuran	14.874	168	790299	33.796	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	209180	35.132	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.103	232	187228	34.145	ng/ul#	89
59) Diethylphthalate	15.297	149	669153	34.542	ng/ul	99
61) Fluorene	15.526	166	660437	33.179	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.515	204	395914	33.332	ng/ul	98
63) 4-Nitroaniline	15.544	138	150541	41.263	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.615	198	140884	31.822	ng/ul#	92
67) N-Nitrosodiphenylamine	15.732	169	556182	31.788	ng/ul	96
68) 4-Bromophenyl-phenylether	16.414	248	273733	33.150	ng/ul	99
69) Hexachlorobenzene	16.537	284	278431	32.161	ng/ul	93
70) Atrazine	16.684	200	245303	29.018	ng/ul	98
71) Pentachlorophenol	16.884	266	123200	30.430	ng/ul	95
72) Phenanthrene	17.266	178	1154771	32.871	ng/ul	97
74) Anthracene	17.360	178	1164900	32.472	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.264	216	328867	30.669	ng/ul	95
76) Pentachlorobenzene	14.798	250	326132	30.799	ng/ul	94
77) Carbazole	17.630	167	1038484	34.890	ng/ul	99
78) Di-n-butylphthalate	18.194	149	1183536	34.686	ng/ul	99
80) Fluoranthene	19.293	202	1552037	33.013	ng/ul	98
82) Pyrene	19.651	202	1646964	32.692	ng/ul	98
83) Butylbenzylphthalate	20.550	149	564618	34.537	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.384	252	564504	30.981	ng/ul	97
85) Benzo(a)anthracene	21.467	228	1811838	33.035	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.378	149	809510	34.067	ng/ul	98
87) Chrysene	21.525	228	1676098	32.682	ng/ul	98
89) Di-n-octyl phthalate	22.524	149	1405818	35.283	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	1802654	33.434	ng/ul	98
91) Benzo(k)fluoranthene	23.629	252	1829819	33.821	ng/ul	98
93) Benzo(a)pyrene	24.387	252	1667836	33.052	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.953	276	2065159	32.996	ng/ul	97
95) Dibenzo(a,h)anthracene	28.006	278	1687132	32.972	ng/ul	96
96) Benzo(g,h,i)perylene	29.022	276	1577051	33.231	ng/ul	99

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

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