Quantitation Report (Qedit)

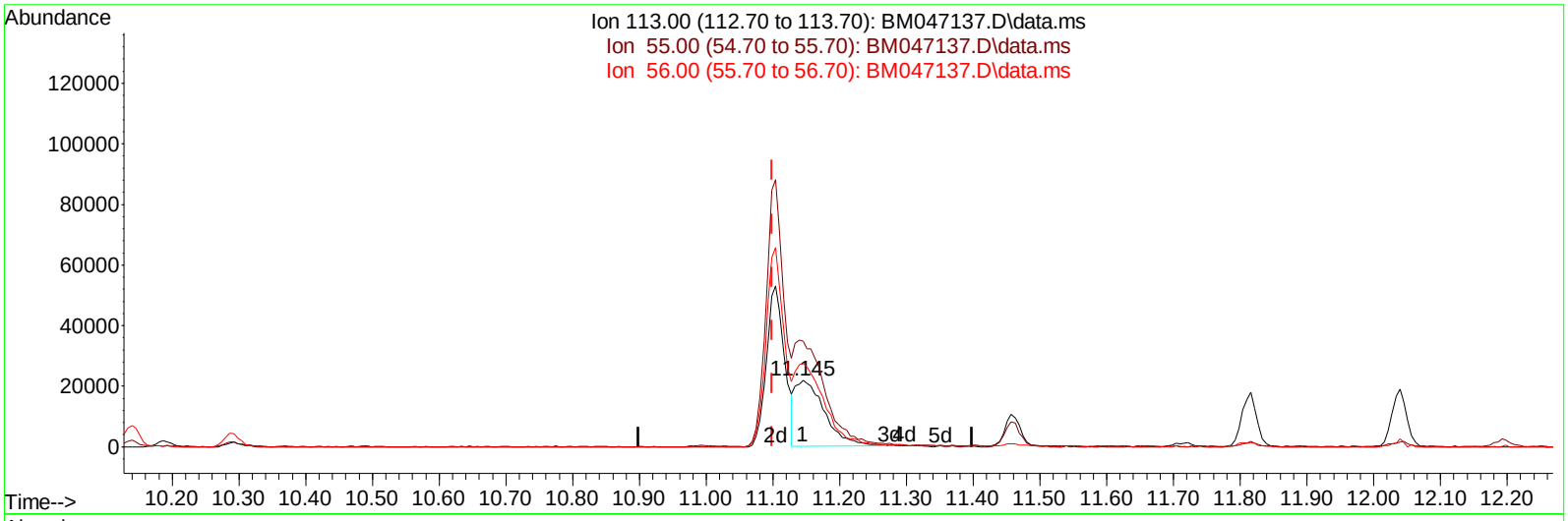
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047137.D
Acq On : 10 Aug 2024 01:50
Operator : RC/JU
Sample : PB162597BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

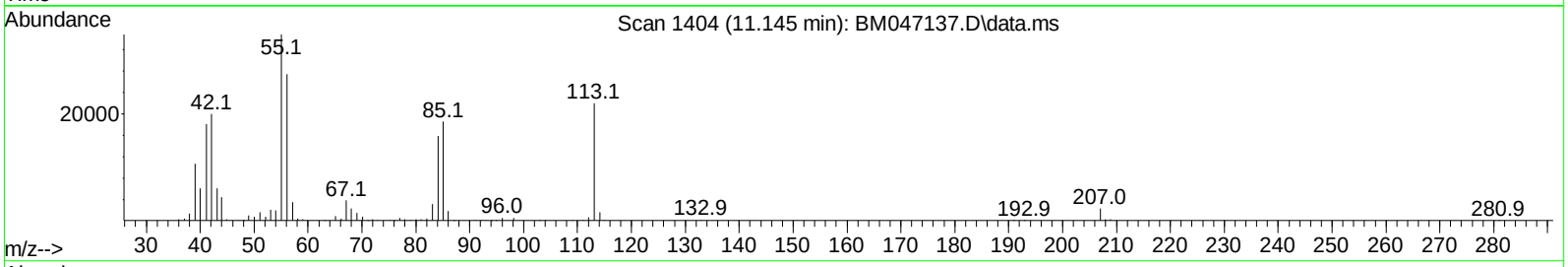
Quant Time: Aug 10 02:40:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration

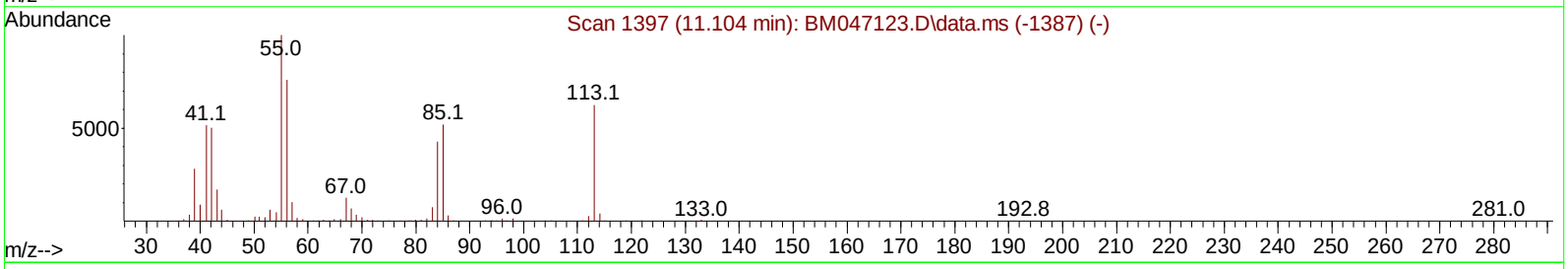
Instrument :
BNA_M
ClientSampleId :
SLCS597

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/12/2024
Supervised By :mohammad ahmed 08/12/2024







TIC: BM047137.D\data.ms

(34) Caprolactam

11.145min (+ 0.047) 12.52 ng/ul

response 67278

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	158.55
56.00	118.20	125.07
0.00	0.00	0.00

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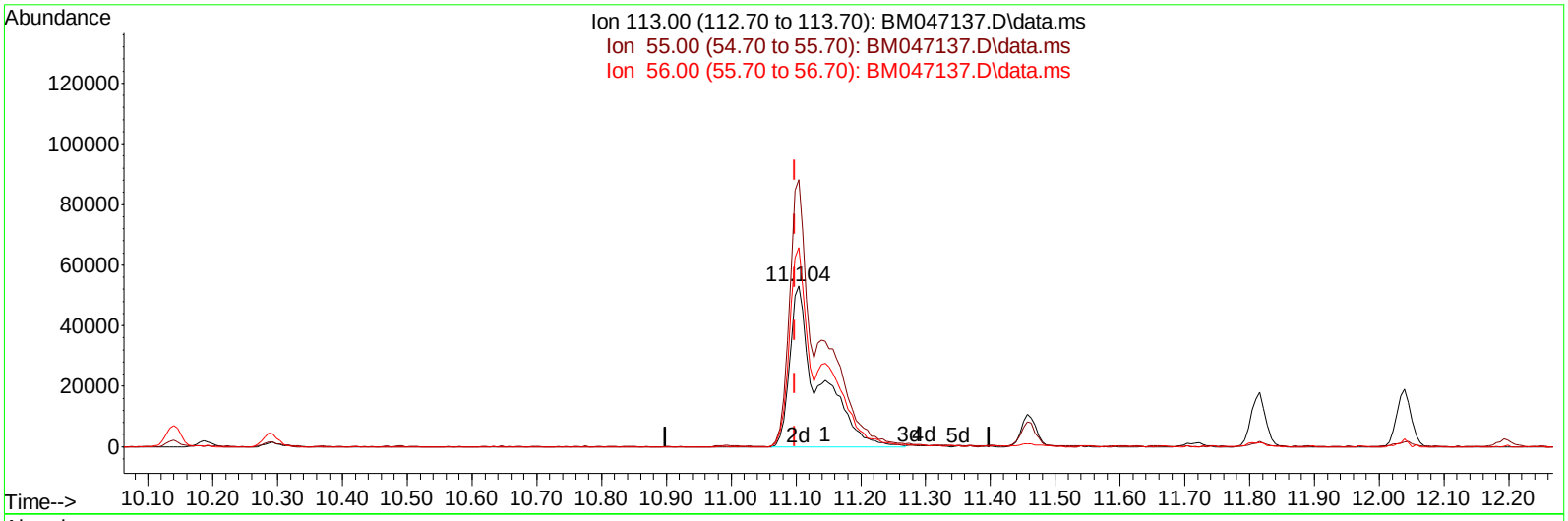

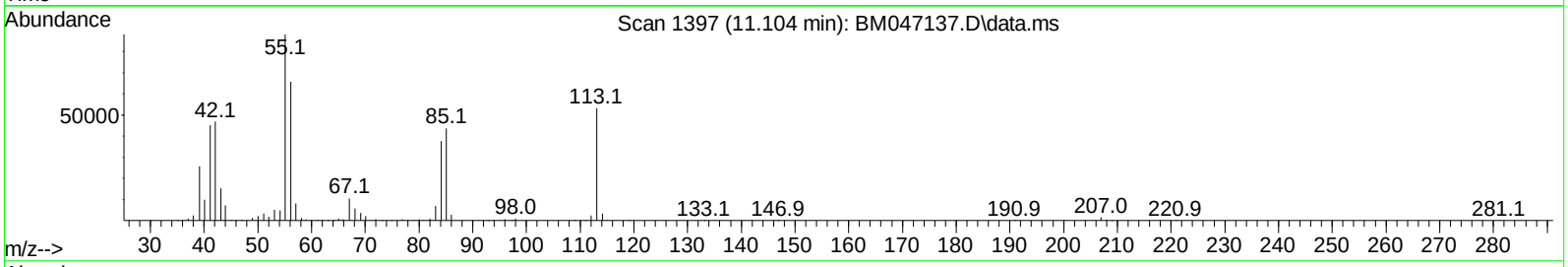

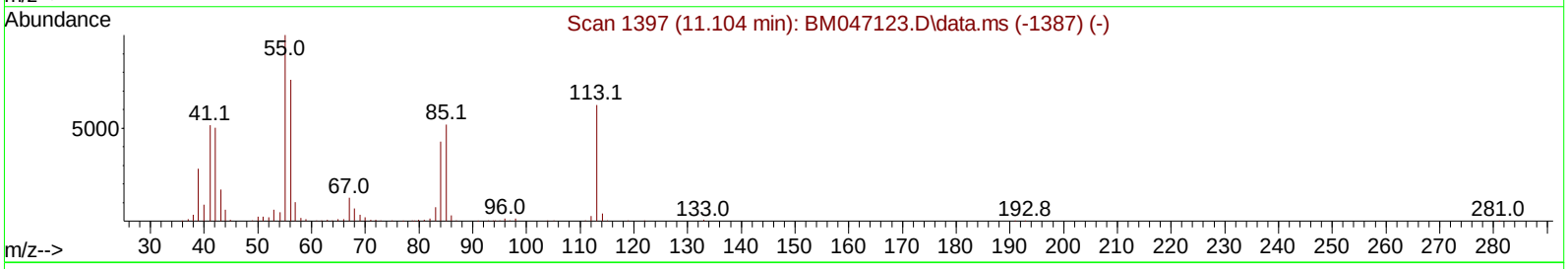

TIC: BM047137.D\data.ms

(34) Caprolactam

11.104min (+ 0.006) 31.48 ng/ul m

response 169214

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	165.90#
56.00	118.20	123.72
0.00	0.00	0.00

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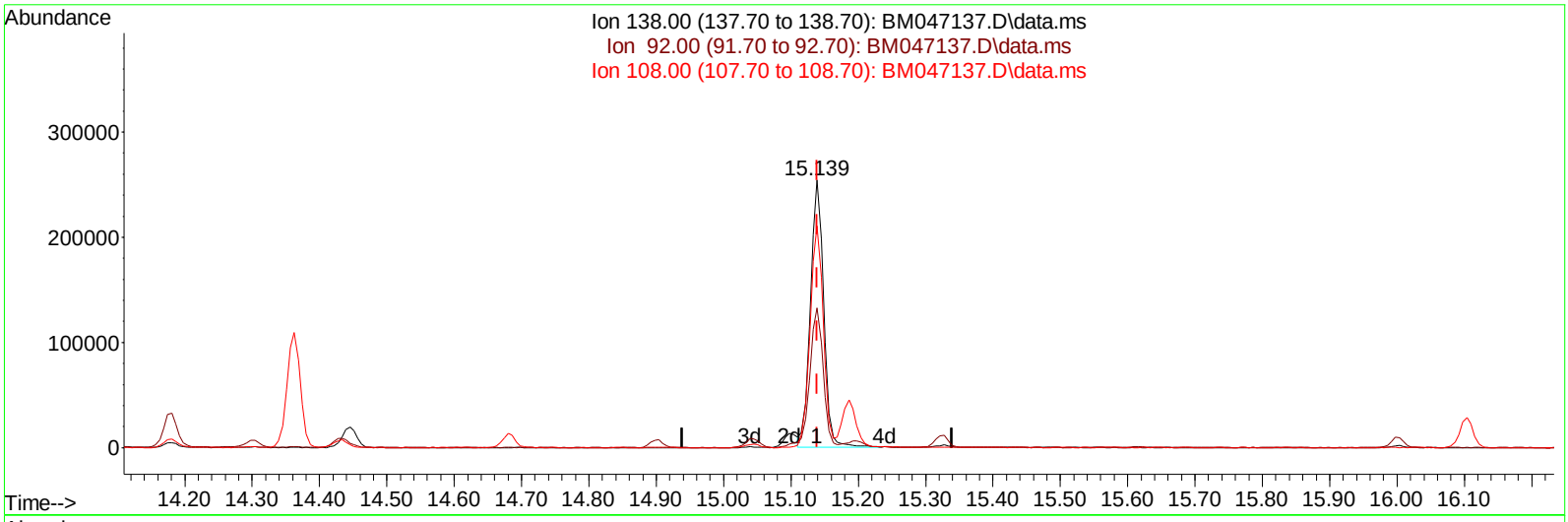

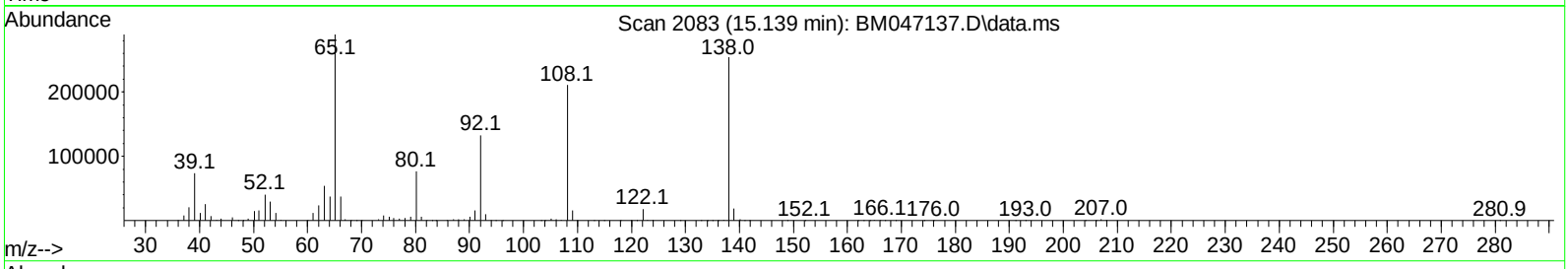

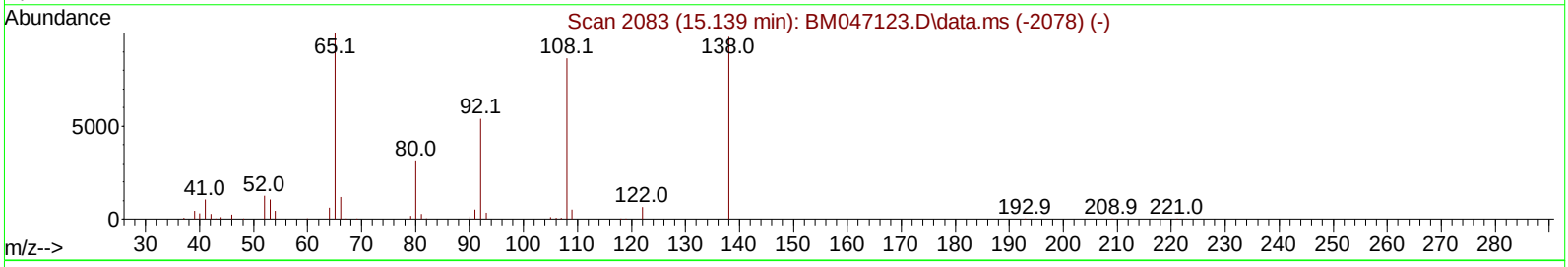

TIC: BM047137.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.000) 34.41 ng/ul

response 349741

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.20
108.00	109.10	82.91#
0.00	0.00	0.00

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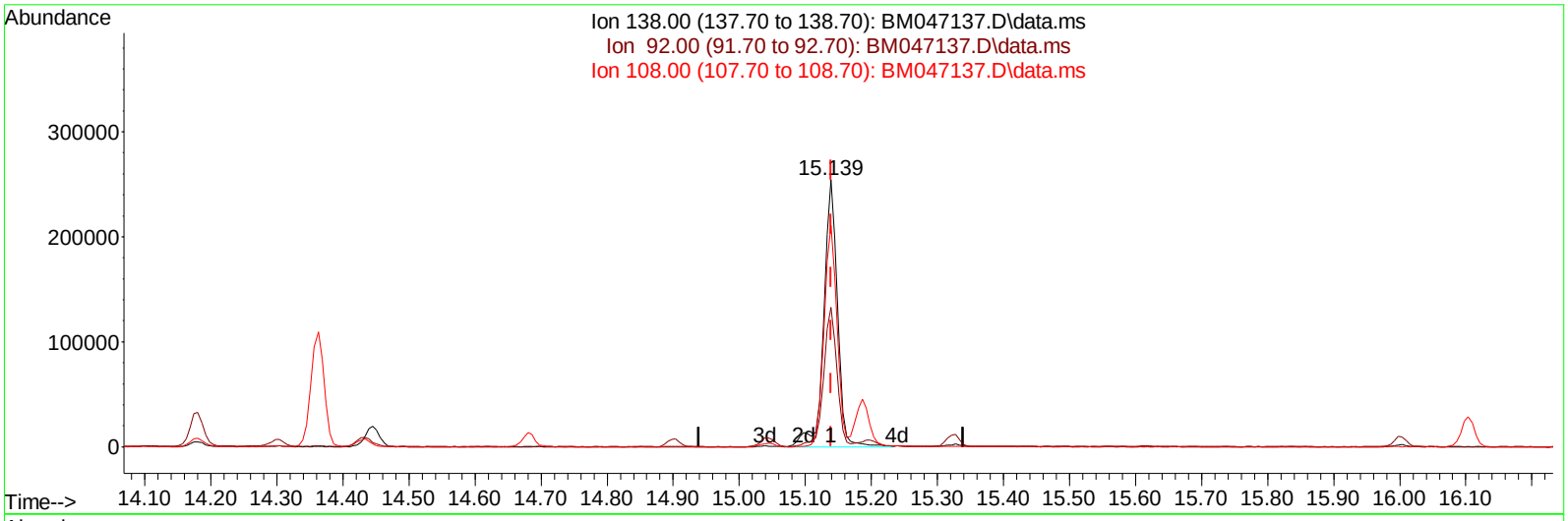

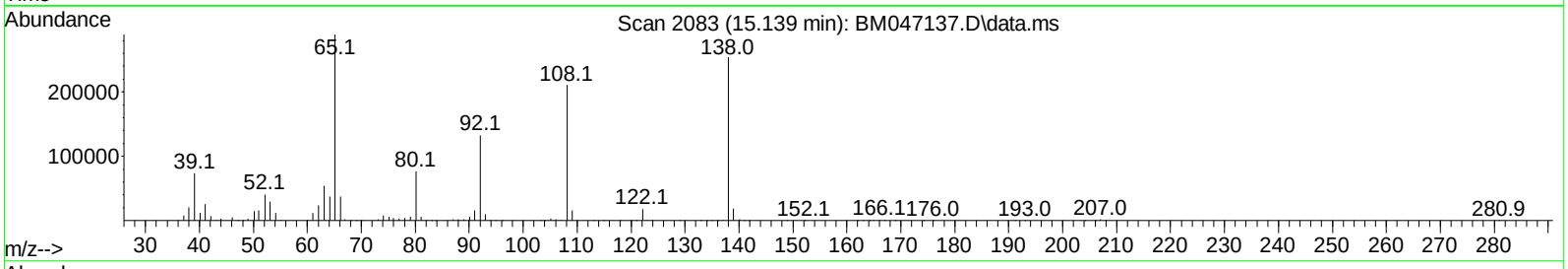

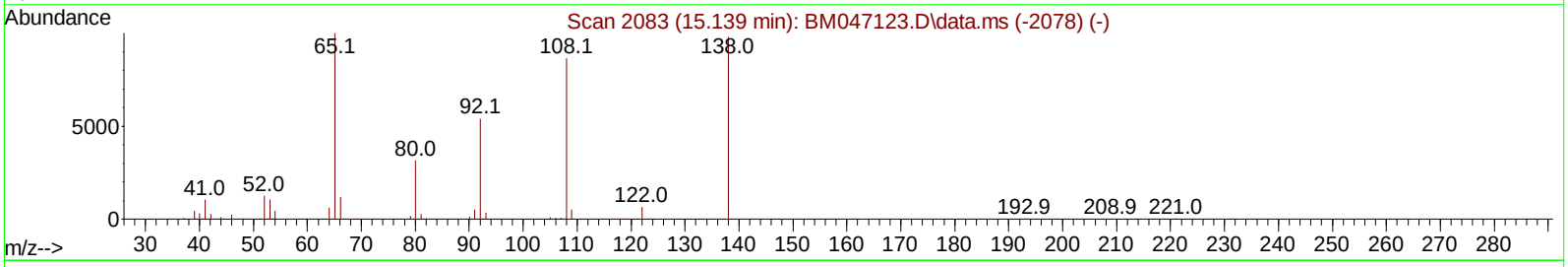

TIC: BM047137.D\data.ms

(63) 4-Nitroaniline

15.139min (-0.000) 36.34 ng/ul m

response 369333

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	59.60	52.20
108.00	109.10	82.91#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	269224	20.000	ng/ul	0.00
20) Naphthalene-d8	10.139	136	1057639	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.039	164	677013	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.798	188	1427420	20.000	ng/ul	0.00
79) Chrysene-d12	21.033	240	1214902	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	1391639	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.010	96	42815	6.300	ng/uL	0.00
4) Pyridine-d5	3.399	84	527205	28.442	ng/ul	0.00
7) Phenol-d5	6.593	99	657533	32.151	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	415629	30.886	ng/ul	0.00
11) 2-Chlorophenol-d4	6.928	132	509775	29.426	ng/ul	0.00
15) 4-Methylphenol-d8	8.110	113	501109	30.930	ng/ul	0.00
21) Nitrobenzene-d5	8.528	128	256613	30.236	ng/ul	0.00
24) 2-Nitrophenol-d4	9.239	143	285344	30.788	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.775	165	533115	29.960	ng/ul	0.00
31) 4-Chloroaniline-d4	10.292	131	649452	27.771	ng/ul	0.00
46) Dimethylphthalate-d6	13.469	166	1476560	28.524	ng/ul	0.00
49) Acenaphthylene-d8	13.727	160	1732077	29.976	ng/ul	0.00
54) 4-Nitrophenol-d4	14.286	143	301552	30.129	ng/ul	0.00
60) Fluorene-d10	15.045	176	1292721	29.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	260032	28.834	ng/ul	0.00
73) Anthracene-d10	16.898	188	1970472	29.119	ng/ul	0.00
81) Pyrene-d10	19.209	212	2286322	32.875	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	2281928	31.140	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.046	88	76570	10.126	ng/uL	99
5) Pyridine	3.416	79	542416	29.558	ng/ul	94
6) Benzaldehyde	6.546	77	350648	29.850	ng/ul	98
8) Phenol	6.616	94	676608	32.851	ng/ul	91
10) Bis(2-Chloroethyl)ether	6.834	93	552140	31.452	ng/ul	97
12) 2-Chlorophenol	6.957	128	540064	30.771	ng/ul	97
13) 2-Methylphenol	7.840	108	498489	31.772	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	7.910	45	728846	34.647	ng/ul	98
16) Acetophenone	8.204	105	772901	30.310	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.198	70	405143	30.128	ng/ul	96
18) 4-Methylphenol	8.169	108	530831	31.314	ng/ul	96
19) Hexachloroethane	8.434	117	235722	27.572	ng/ul	93
22) Nitrobenzene	8.569	77	656657	28.960	ng/ul	94
23) Isophorone	9.098	82	1157561	29.836	ng/ul	98
25) 2-Nitrophenol	9.269	139	312676	30.840	ng/ul	94
26) 2,4-Dimethylphenol	9.351	107	448086	22.422	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.586	93	725684	30.341	ng/ul	100
29) 2,4-Dichlorophenol	9.804	162	519354	29.263	ng/ul	99
30) Naphthalene	10.186	128	1630724	29.121	ng/ul	99
32) 4-Chloroaniline	10.316	127	604815	26.631	ng/ul	99
33) Hexachlorobutadiene	10.475	225	318284	24.858	ng/ul	99
34) Caprolactam	11.104	113	169214m	31.485	ng/ul	
35) 4-Chloro-3-methylphenol	11.457	107	539682	29.490	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.816	142	1132867	28.973	ng/ul	99
37) 1-Methylnaphthalene	12.039	142	1125209	28.427	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.192	216	600990	28.305	ng/ul	98
40) Hexachlorocyclopentadiene	12.175	237	254318	18.183	ng/ul#	97
41) 2,4,6-Trichlorophenol	12.451	196	375370	27.010	ng/ul	96
42) 2,4,5-Trichlorophenol	12.527	196	419606	27.964	ng/ul	98
43) 1,1'-Biphenyl	12.857	154	1466444	28.953	ng/ul	97
44) 2-Chloronaphthalene	12.898	162	1193615	29.676	ng/ul	98
45) 2-Nitroaniline	13.122	65	387975	31.742	ng/ul	97
47) Dimethylphthalate	13.516	163	1500441	28.886	ng/ul	100
48) 2,6-Dinitrotoluene	13.633	165	320338	31.724	ng/ul	88
50) Acenaphthylene	13.757	152	1873414	30.699	ng/ul	99
51) 3-Nitroaniline	13.963	138	348442	33.883	ng/ul	98
52) Acenaphthene	14.104	153	1249051	28.391	ng/ul	98
53) 2,4-Dinitrophenol	14.180	184	181565	25.484	ng/ul	90
55) 4-Nitrophenol	14.298	109	251116	24.790	ng/ul#	81
56) Dibenzofuran	14.445	168	1747457	28.301	ng/ul	93
57) 2,4-Dinitrotoluene	14.433	165	474376	30.742	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.680	232	301826	22.627	ng/ul	97
59) Diethylphthalate	14.904	149	1525889	27.308	ng/ul	98
61) Fluorene	15.098	166	1457741	28.624	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.104	204	672471	26.823	ng/ul	95
63) 4-Nitroaniline	15.139	138	369333m	36.342	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	283858	28.766	ng/ul	91
67) N-Nitrosodiphenylamine	15.321	169	1249210	29.526	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	444437	28.766	ng/ul	92
69) Hexachlorobenzene	16.104	284	523680	28.785	ng/ul	99
70) Atrazine	16.292	200	43916	2.646	ng/ul	97
71) Pentachlorophenol	16.457	266	260642	21.161	ng/ul	98
72) Phenanthrene	16.839	178	2361285	29.510	ng/ul	100
74) Anthracene	16.933	178	2327233	28.840	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.816	216	597927	29.114	ng/uL	96
76) Pentachlorobenzene	14.363	250	577496	27.165	ng/uL	99
77) Carbazole	17.215	167	2284053	30.532	ng/ul	99
78) Di-n-butylphthalate	17.798	149	2692102	28.300	ng/ul	98
80) Fluoranthene	18.874	202	2792596	33.599	ng/ul	98
82) Pyrene	19.239	202	2863929	32.338	ng/ul#	95
83) Butylbenzylphthalate	20.180	149	1268807	32.779	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.962	252	921398	30.937	ng/ul	99
85) Benzo(a)anthracene	21.015	228	2786592	31.406	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	1781704	31.530	ng/ul	98
87) Chrysene	21.074	228	2583513	30.529	ng/ul	100
89) Di-n-octyl phthalate	22.015	149	3137308	31.956	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	2883687	33.499	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	2715412	31.921	ng/ul	98
93) Benzo(a)pyrene	23.609	252	2496529	31.130	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.732	276	3216375	31.303	ng/ul	98
95) Dibenzo(a,h)anthracene	26.785	278	2626353	31.822	ng/ul	99
96) Benzo(g,h,i)perylene	27.668	276	2573325	31.698	ng/ul	97

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

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