Quantitation Report (Qedit)

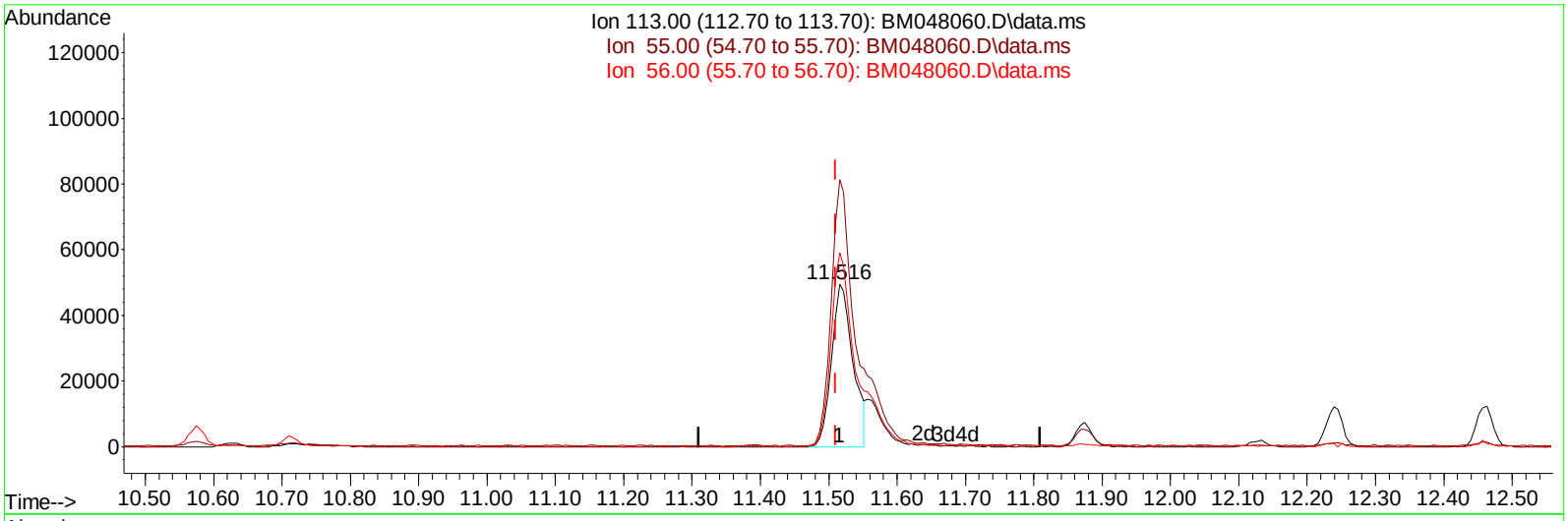
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048060.D
Acq On : 15 Oct 2024 12:40
Operator : RC/JU
Sample : PB163836BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

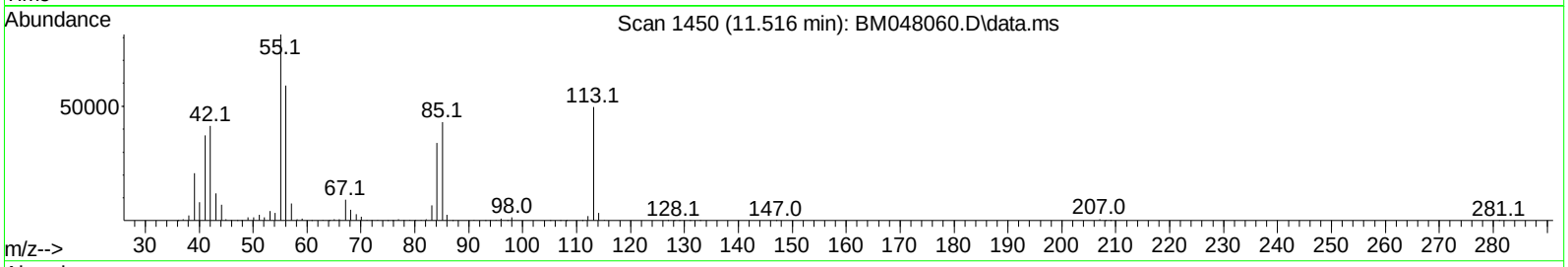
Quant Time: Oct 15 13:33:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

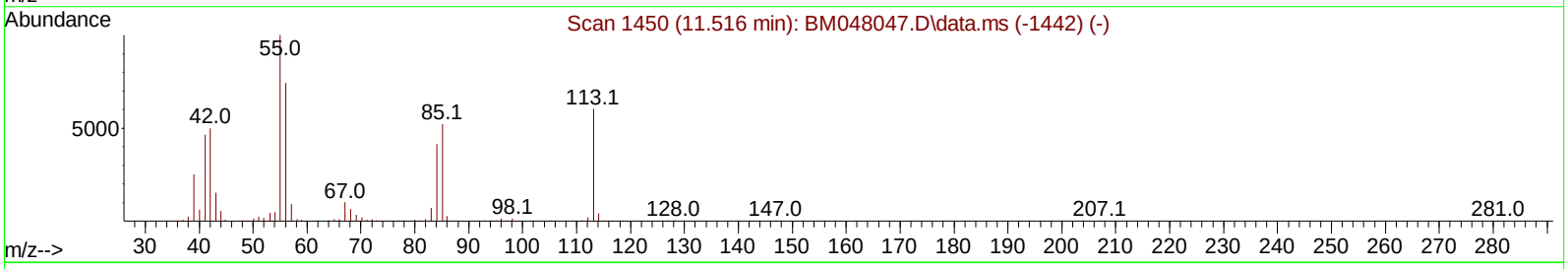
Instrument :
BNA_M
ClientSampleId :
SLCS836

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048060.D\data.ms

(34) Caprolactam

11.516min (+ 0.006) 21.57 ng/ul

response 108278

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	163.94#
56.00	164.10	119.23#
0.00	0.00	0.00

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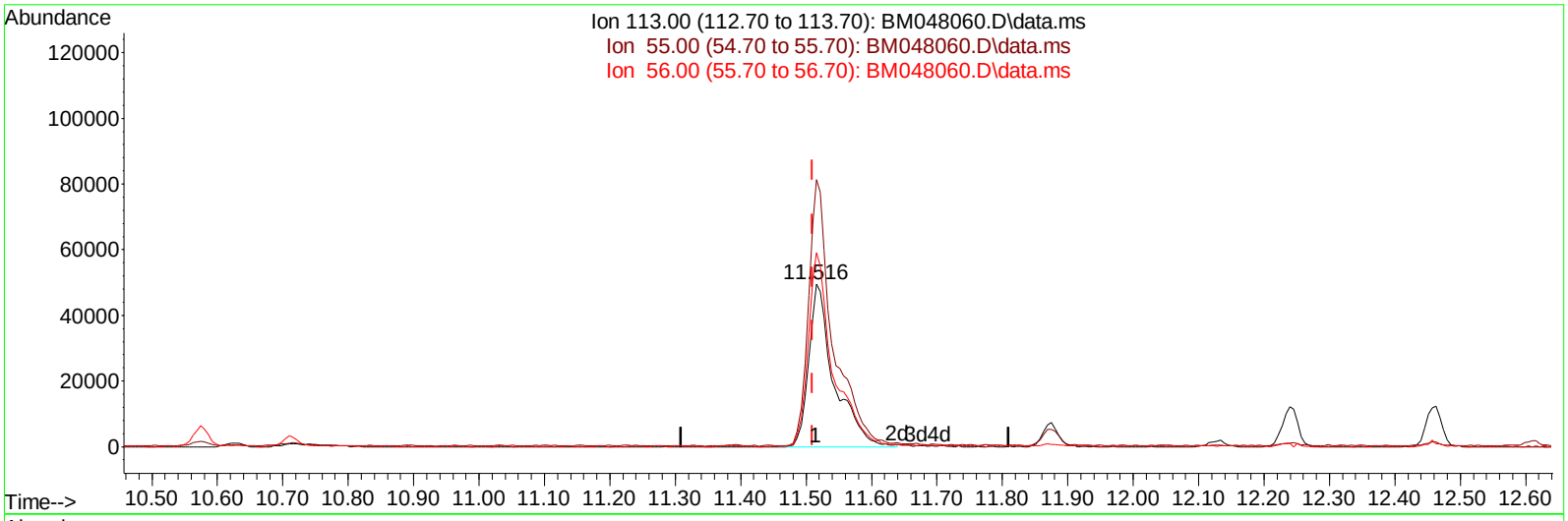

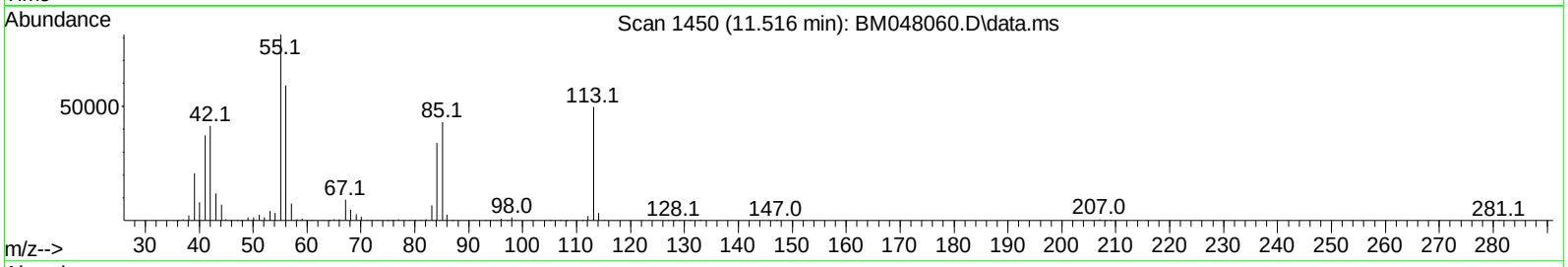

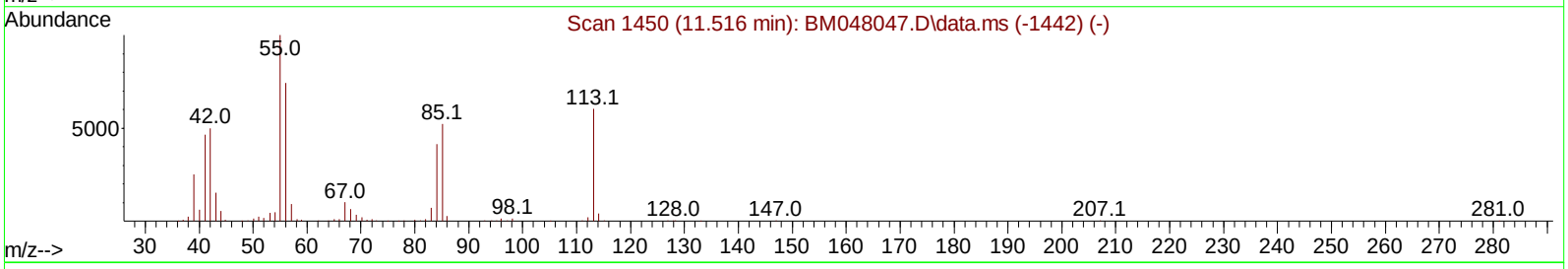

TIC: BM048060.D\data.ms

(34) Caprolactam

11.516min (+ 0.006) 26.64 ng/ul m

response 133698

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	163.94#
56.00	164.10	119.23#
0.00	0.00	0.00

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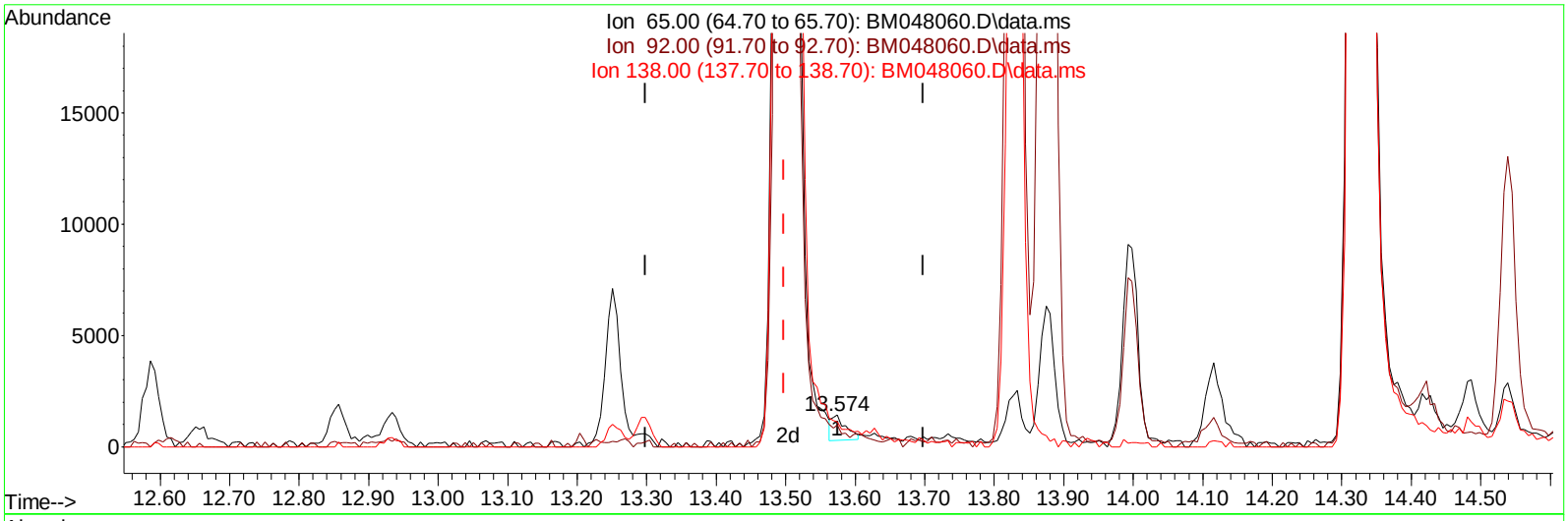

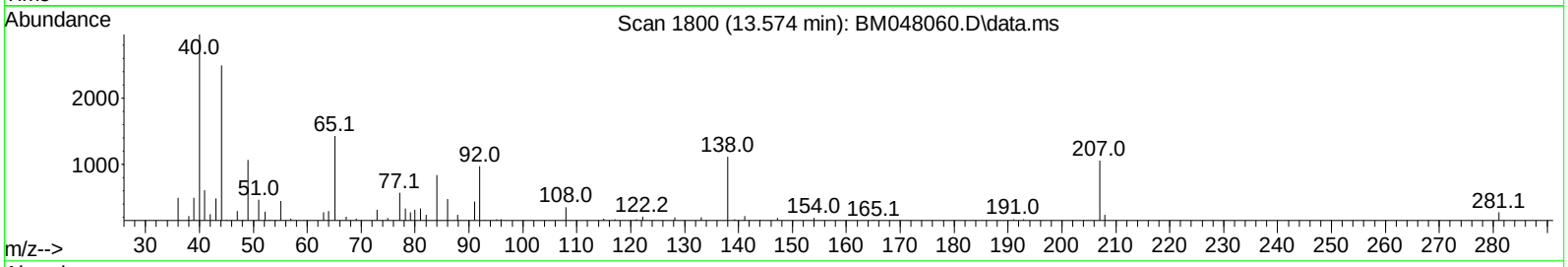

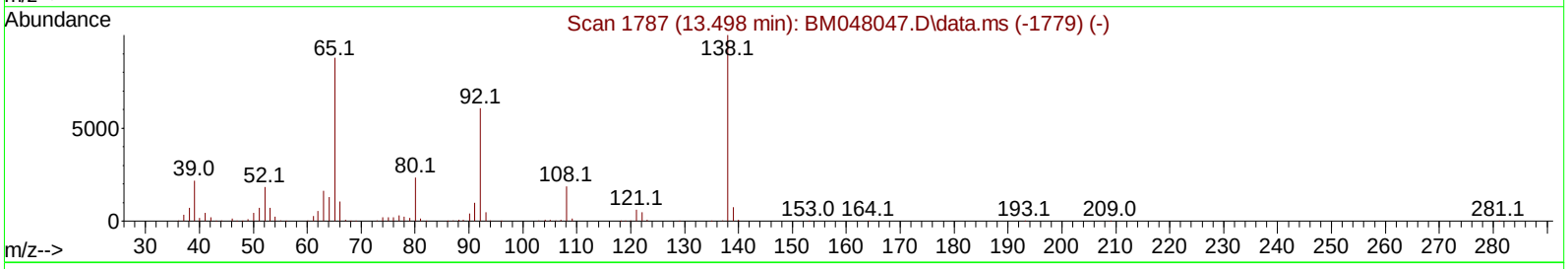

TIC: BM048060.D\data.ms

(45) 2-Nitroaniline

13.574min (+ 0.077) 0.13 ng/ul

response 1593

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	67.60
138.00	84.50	78.24
0.00	0.00	0.00

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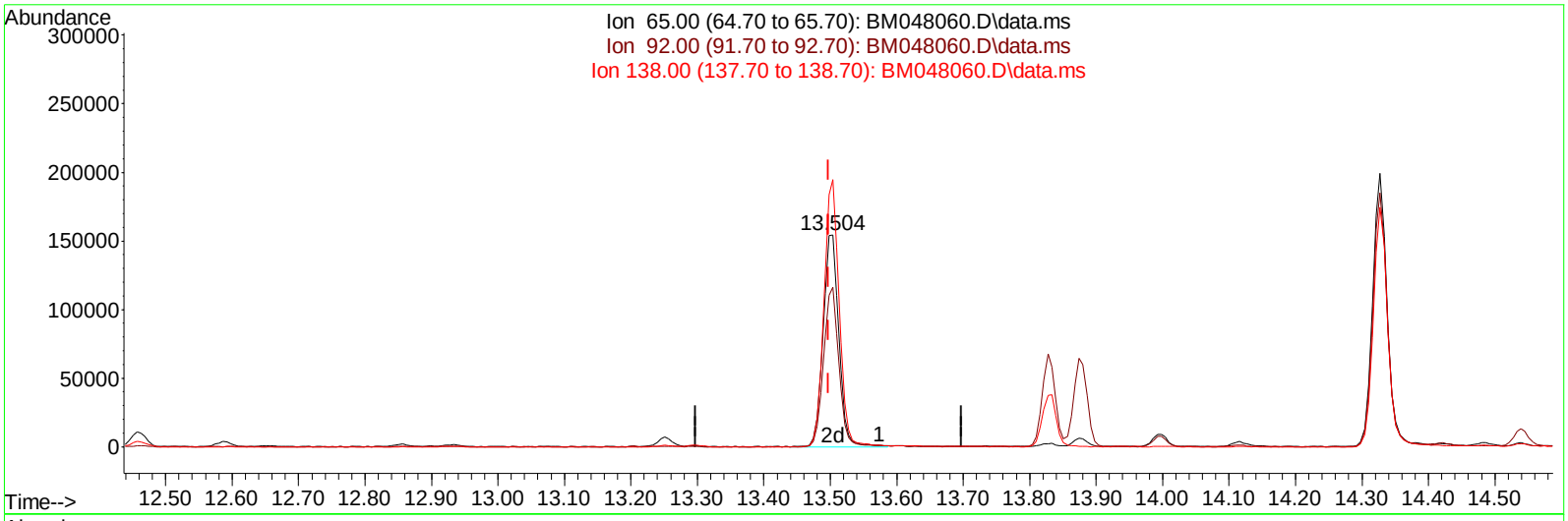

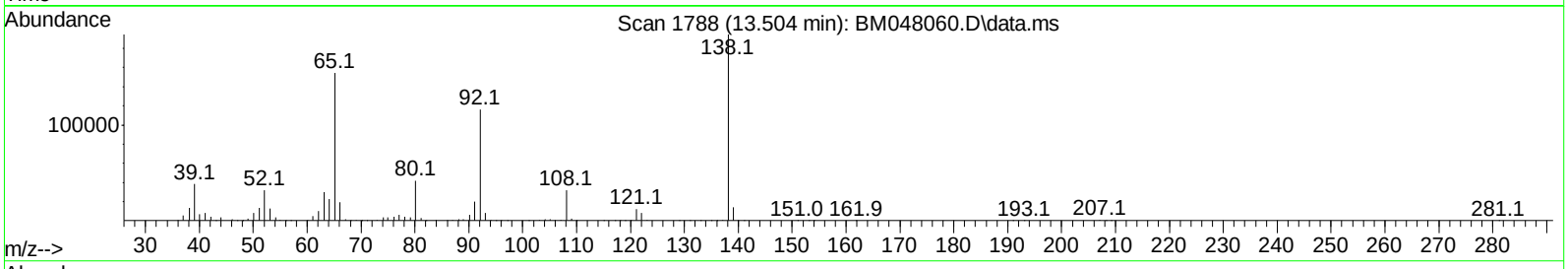

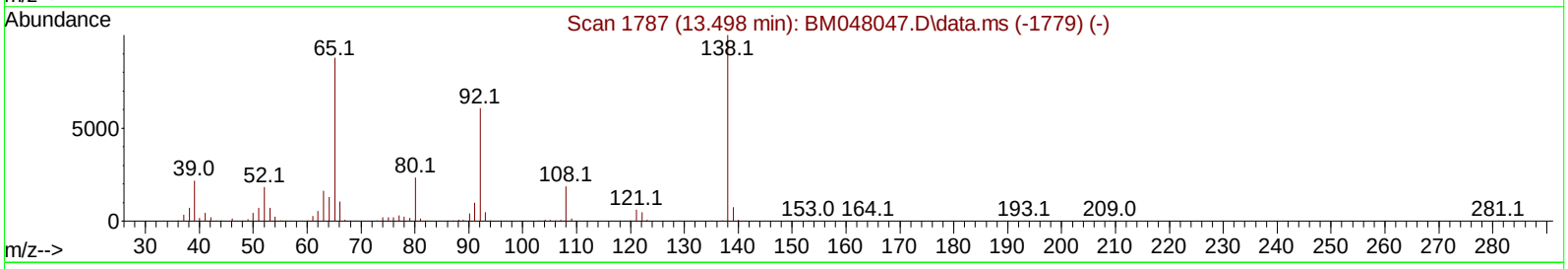

TIC: BM048060.D\data.ms

(45) 2-Nitroaniline

13.504min (+ 0.006) 20.73 ng/ul m

response 254095

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	75.27#
138.00	84.50	125.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.781	152	247289	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	997093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	623620	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1282034	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1176308	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1393746	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	29658	3.876	ng/uL	0.00
4) Pyridine-d5	3.652	84	420414	18.764	ng/ul	0.00
7) Phenol-d5	6.963	99	513292	21.951	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	289626	17.455	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	441176	25.932	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	399548	22.982	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	208965	26.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	229265	30.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	412033	27.111	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	552474	23.514	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1081561	23.922	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1315390	24.538	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	223243	24.800	ng/ul	0.01
60) Fluorene-d10	15.416	176	962493	24.577	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	130664	17.417	ng/ul	0.00
73) Anthracene-d10	17.262	188	1513247	24.005	ng/ul	0.00
81) Pyrene-d10	19.551	212	1822152	27.294	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	1875412	25.934	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	63696	7.621	ng/uL#	85
5) Pyridine	3.675	79	429524	18.209	ng/ul	84
6) Benzaldehyde	6.922	77	254465	20.010	ng/ul	86
8) Phenol	6.987	94	536794	21.574	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.204	93	413776	20.871	ng/ul	87
12) 2-Chlorophenol	7.351	128	446911	24.796	ng/ul#	90
13) 2-Methylphenol	8.234	108	400642	23.093	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.304	45	574568	15.395	ng/ul#	93
16) Acetophenone	8.604	105	628093	21.114	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.592	70	302083	19.172	ng/ul#	83
18) 4-Methylphenol	8.563	108	441876	22.664	ng/ul	98
19) Hexachloroethane	8.857	117	177046	21.854	ng/ul	88
22) Nitrobenzene	8.981	77	458477	20.330	ng/ul#	86
23) Isophorone	9.510	82	854305	21.177	ng/ul#	94
25) 2-Nitrophenol	9.692	139	248151	28.512	ng/ul#	83
26) 2,4-Dimethylphenol	9.757	107	357328	19.161	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.986	93	527131	21.363	ng/ul	98
29) 2,4-Dichlorophenol	10.233	162	416042	26.511	ng/ul	96
30) Naphthalene	10.628	128	1377149	24.012	ng/ul	99
32) 4-Chloroaniline	10.739	127	491331	21.237	ng/ul	99
33) Hexachlorobutadiene	10.910	225	262811	25.347	ng/ul	98
34) Caprolactam	11.516	113	133698m	26.639	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	411294	25.319	ng/ul	91

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.239	142	907172	24.894	ng/ul	99
37) 1-Methylnaphthalene	12.457	142	905171	24.414	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	485802	23.930	ng/ul#	97
40) Hexachlorocyclopentadiene	12.592	237	137498	11.198	ng/ul	98
41) 2,4,6-Trichlorophenol	12.857	196	314831	26.804	ng/ul	99
42) 2,4,5-Trichlorophenol	12.933	196	341331	26.575	ng/ul	97
43) 1,1'-Biphenyl	13.251	154	1158774	23.208	ng/ul#	97
44) 2-Chloronaphthalene	13.292	162	927926	24.029	ng/ul	97
45) 2-Nitroaniline	13.504	65	254095m	20.728	ng/ul	
47) Dimethylphthalate	13.874	163	1086272	23.723	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	229850	28.583	ng/ul#	78
50) Acenaphthylene	14.145	152	1460497	24.158	ng/ul	99
51) 3-Nitroaniline	14.327	138	264176	27.143	ng/ul	83
52) Acenaphthene	14.486	153	986771	23.090	ng/ul	97
53) 2,4-Dinitrophenol	14.539	184	80041	16.108	ng/ul#	74
55) 4-Nitrophenol	14.651	109	155375	20.558	ng/ul	82
56) Dibenzofuran	14.821	168	1371993	23.850	ng/ul	96
57) 2,4-Dinitrotoluene	14.786	165	337985	27.984	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.051	232	278140	27.472	ng/ul#	95
59) Diethylphthalate	15.239	149	1078491	23.541	ng/ul	97
61) Fluorene	15.468	166	1095085	22.818	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	533397	23.520	ng/ul	94
63) 4-Nitroaniline	15.492	138	280988	29.727	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.557	198	145813	17.540	ng/ul#	83
67) N-Nitrosodiphenylamine	15.674	169	926000	23.179	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	328435	24.853	ng/ul	95
69) Hexachlorobenzene	16.474	284	398089	25.886	ng/ul	92
70) Atrazine	16.627	200	225704	16.972	ng/ul	97
71) Pentachlorophenol	16.821	266	248486	25.410	ng/ul	99
72) Phenanthrene	17.204	178	1752510	23.310	ng/ul	99
74) Anthracene	17.298	178	1765720	23.027	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	470794	22.179	ng/uL	98
76) Pentachlorobenzene	14.745	250	458976	22.152	ng/uL	98
77) Carbazole	17.568	167	1702220	24.491	ng/ul	98
78) Di-n-butylphthalate	18.127	149	1938253	25.048	ng/ul#	98
80) Fluoranthene	19.215	202	2126603	27.046	ng/ul	99
82) Pyrene	19.580	202	2262603	25.854	ng/ul	96
83) Butylbenzylphthalate	20.474	149	961175	31.067	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.292	252	670277	26.967	ng/ul	100
85) Benzo(a)anthracene	21.374	228	2153746	26.150	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1309393	28.189	ng/ul#	97
87) Chrysene	21.433	228	2025093	25.221	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	2427294	27.000	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	2229686	25.653	ng/ul	99
91) Benzo(k)fluoranthene	23.503	252	2185537	24.591	ng/ul	99
93) Benzo(a)pyrene	24.250	252	2005152	24.291	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.779	276	2685951	25.391	ng/ul	99
95) Dibenzo(a,h)anthracene	27.832	278	2195829	25.329	ng/ul	98
96) Benzo(g,h,i)perylene	28.838	276	2115527	25.524	ng/ul	97

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

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