Quantitation Report (Qedit)

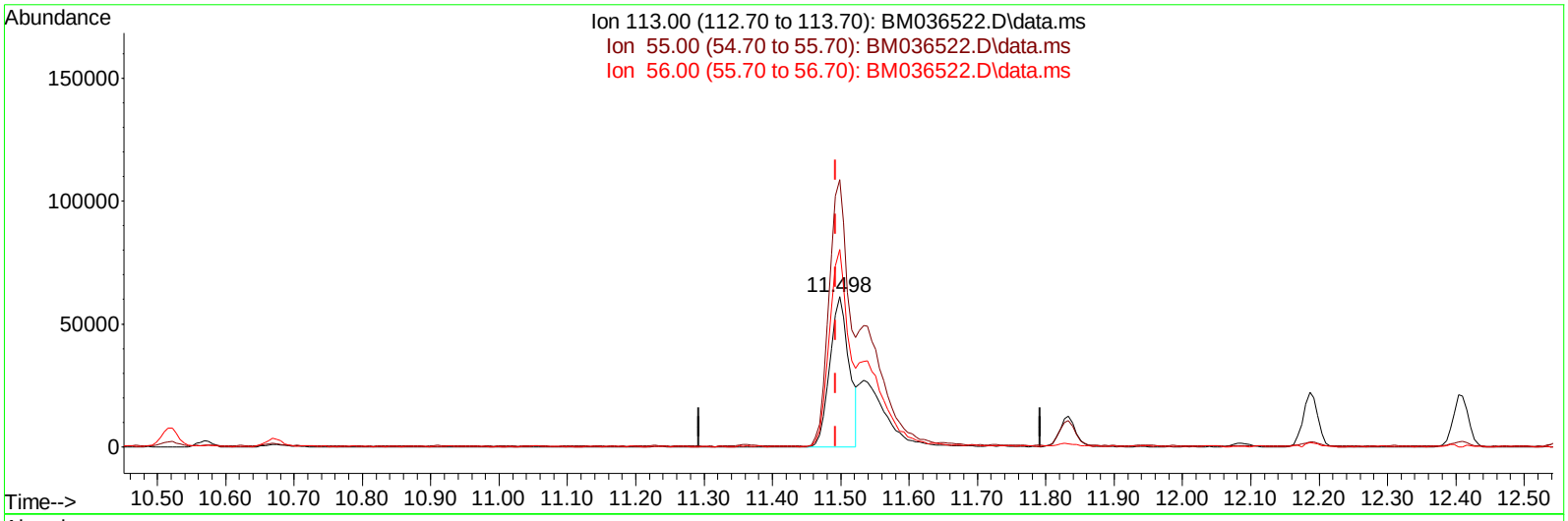
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090822\
Data File : BM036522.D
Acq On : 07 Sep 2022 23:01
Operator : CG/JU
Sample : N4483-05MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

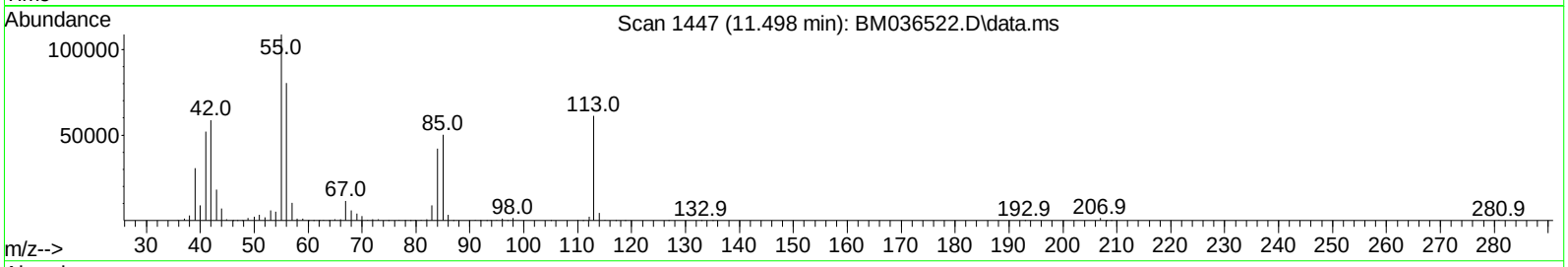
Quant Time: Sep 08 00:56:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

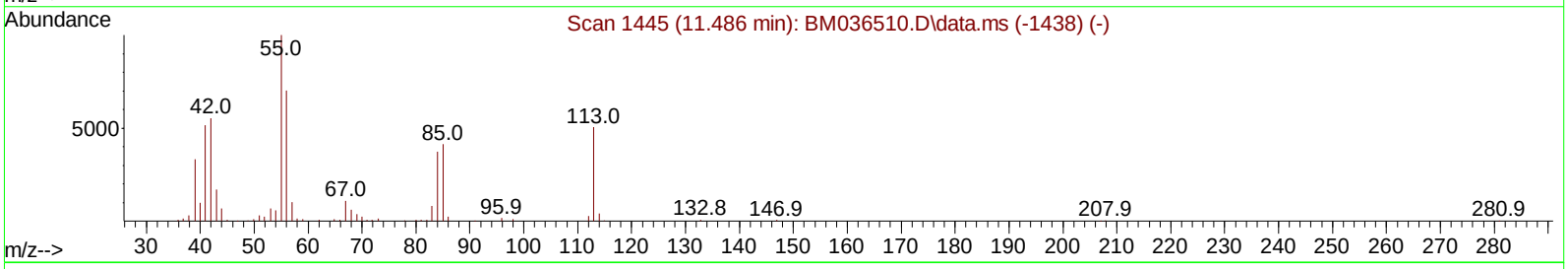
Instrument :
BNA_M
ClientSampleId :
EW353MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/19/2022







TIC: BM036522.D\data.ms

(34) Caprolactam

11.498min (+ 0.006) 25.78 ng/ul

response 119954

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	177.96
56.00	127.60	131.65
0.00	0.00	0.00

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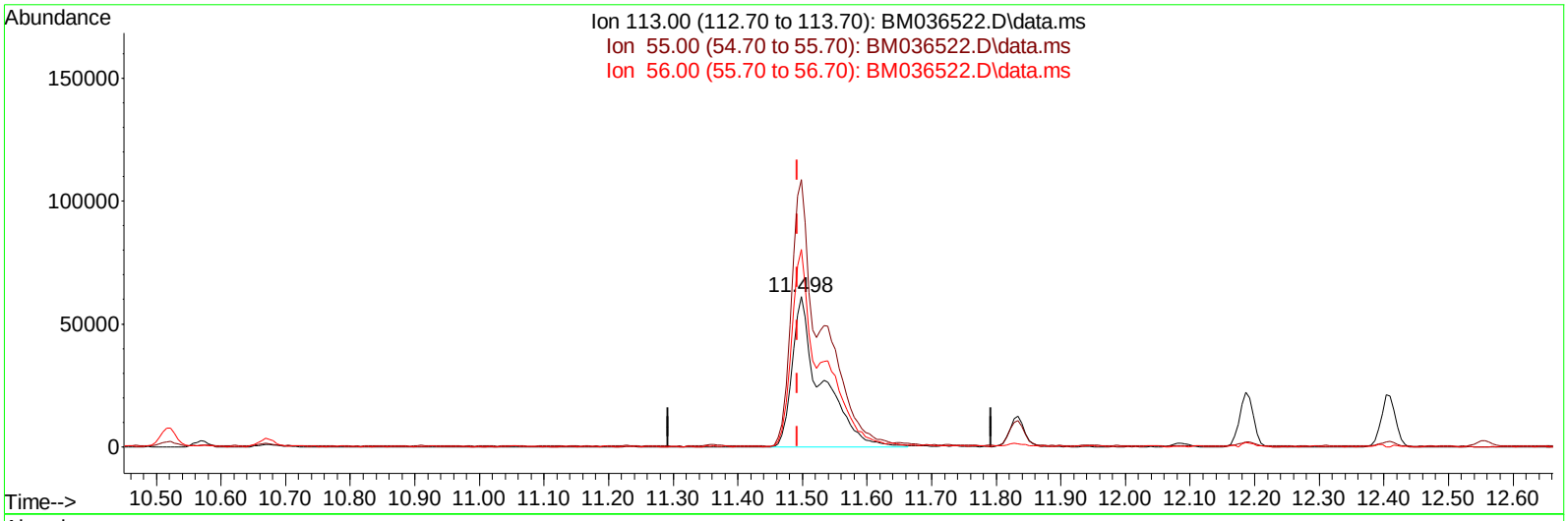

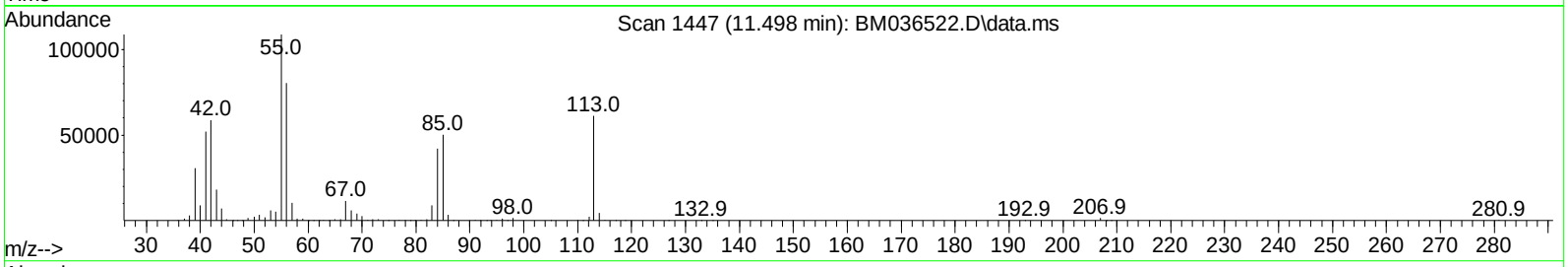

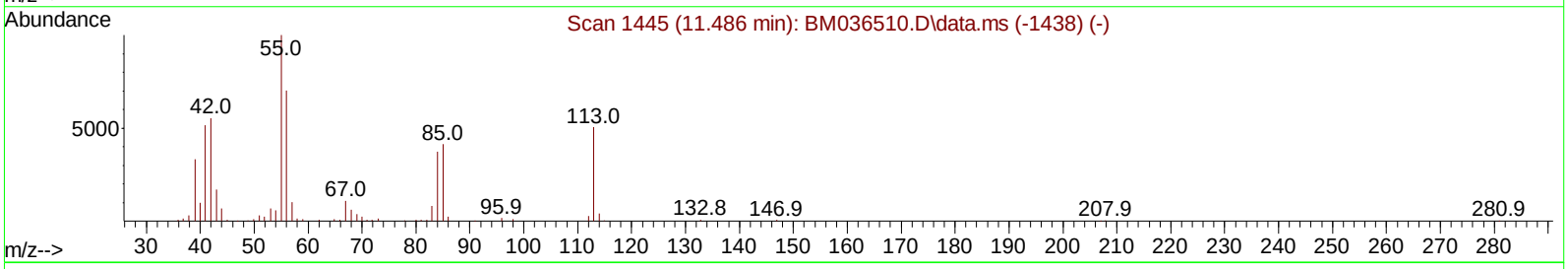

TIC: BM036522.D\data.ms

(34) Caprolactam

11.498min (+ 0.006) 41.65 ng/ul m

response 193818

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	177.96
56.00	127.60	131.65
0.00	0.00	0.00

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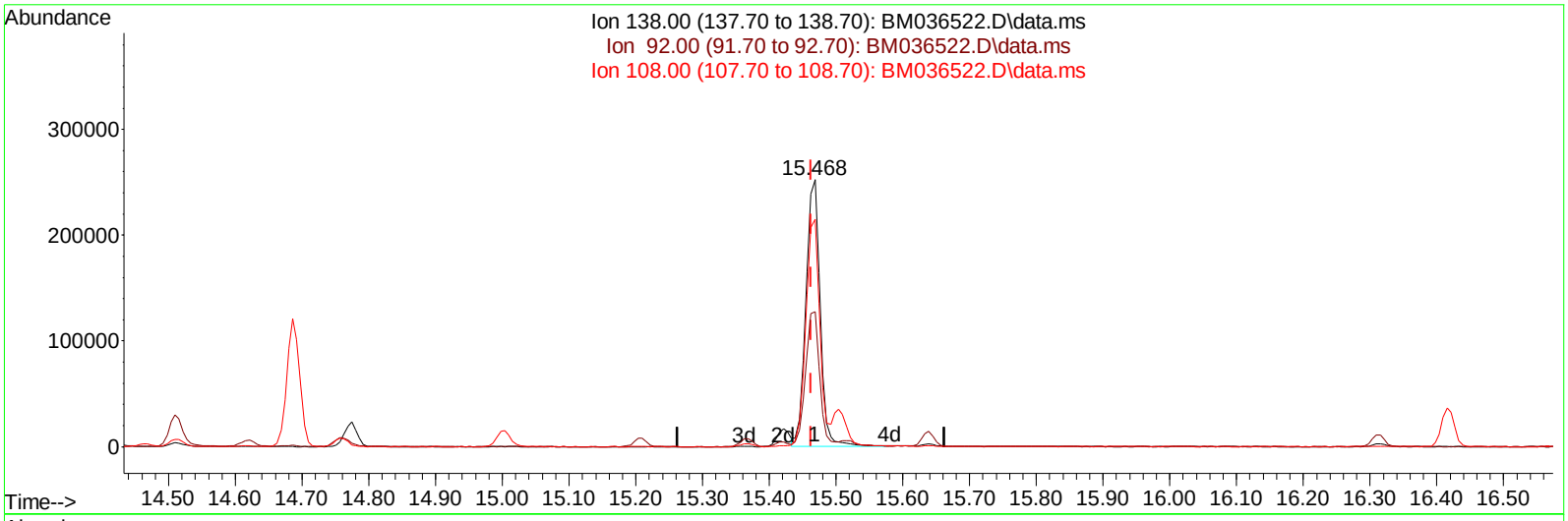

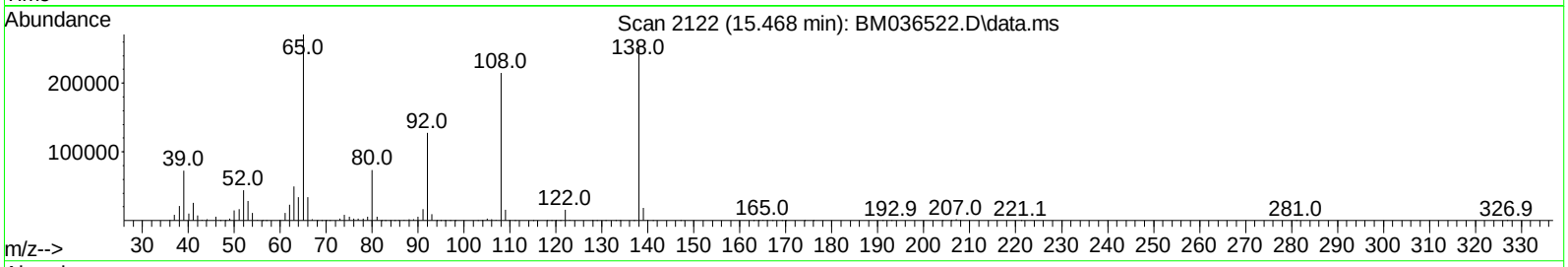

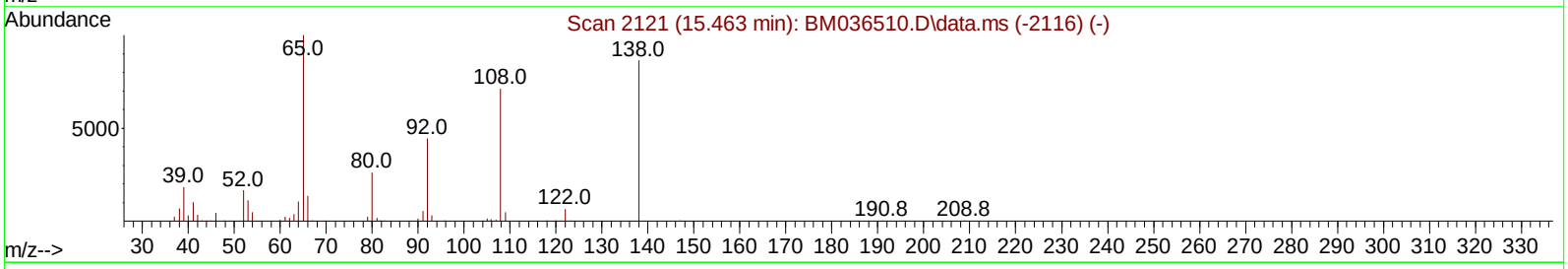

TIC: BM036522.D\data.ms

(63) 4-Nitroaniline

15.468min (+ 0.006) 49.58 ng/ul

response 374019

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	50.65
108.00	64.50	85.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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Manual IntegrationsAPPROVED

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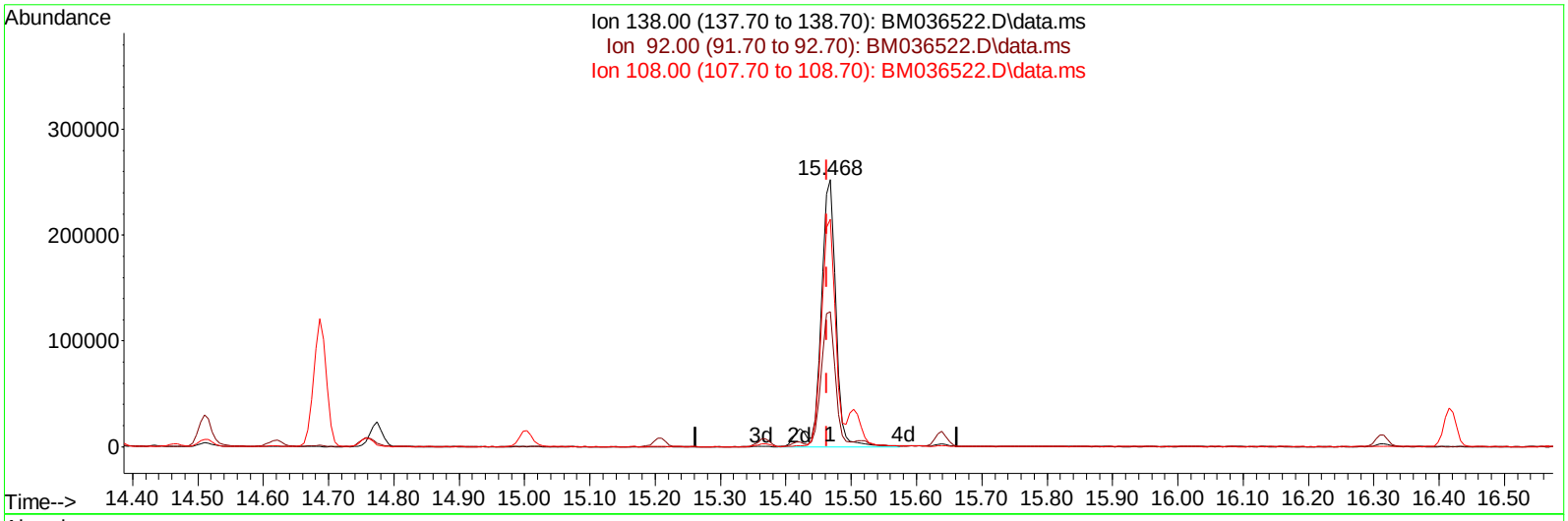

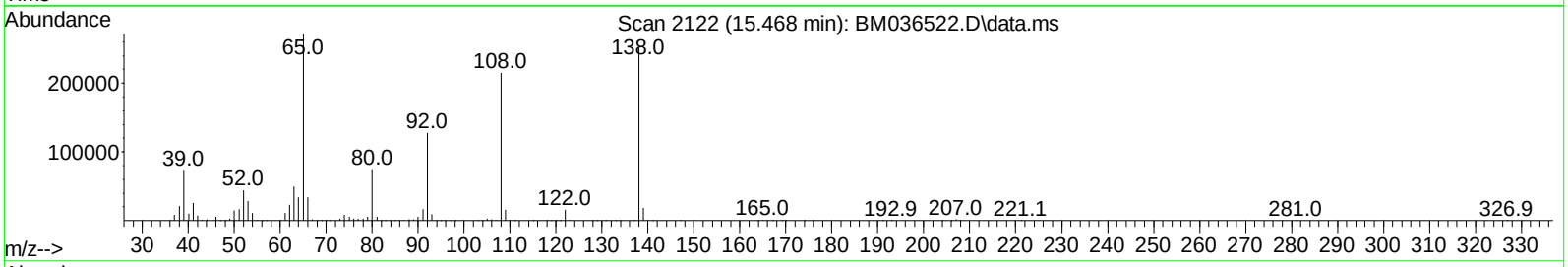

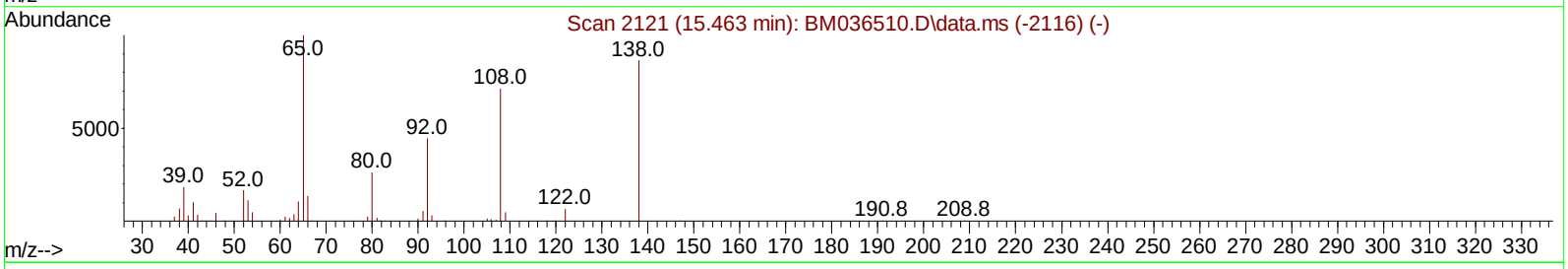

TIC: BM036522.D\data.ms

(63) 4-Nitroaniline

15.468min (+ 0.006) 52.93 ng/ul m

response 399232

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	50.65
108.00	64.50	85.19#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/08/2022
Supervised By :mohammad ahmed 09/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	218476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1104653	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	601801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1403304	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1217909	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	996869	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	23226	4.052	ng/uL	0.00
4) Pyridine-d5	3.557	84	127531	8.067	ng/ul	0.00
7) Phenol-d5	6.904	99	468996	25.149	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	307117	26.163	ng/ul	0.00
11) 2-Chlorophenol-d4	7.251	132	375846	25.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.451	113	418410	30.049	ng/ul	0.00
21) Nitrobenzene-d5	8.892	128	228198	27.246	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	246119	28.971	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	443082	29.189	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	466328	19.816	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1128914	29.652	ng/ul	0.00
49) Acenaphthylene-d8	14.068	160	1345197	28.328	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	202849	28.119	ng/ul	0.00
60) Fluorene-d10	15.368	176	1039307	30.209	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	183767	25.472	ng/ul	0.00
73) Anthracene-d10	17.215	188	1802731	28.891	ng/ul	0.00
81) Pyrene-d10	19.515	212	2020013	31.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.456	264	1498958	30.669	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	68370	11.323	ng/uL	99
5) Pyridine	3.575	79	201417	12.334	ng/ul	96
6) Benzaldehyde	6.869	77	171036	22.328	ng/ul	93
8) Phenol	6.928	94	672210	34.670	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.157	93	528846	34.101	ng/ul	99
12) 2-Chlorophenol	7.287	128	512501	33.449	ng/ul	100
13) 2-Methylphenol	8.181	108	559813	39.169	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.263	45	856306	41.271	ng/ul	99
16) Acetophenone	8.557	105	955098	42.647	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.545	70	483182	43.347	ng/ul	99
18) 4-Methylphenol	8.510	108	623043	40.724	ng/ul	99
19) Hexachloroethane	8.792	117	245122	38.239	ng/ul	93
22) Nitrobenzene	8.933	77	693076	34.925	ng/ul	99
23) Isophorone	9.463	82	1359841	38.587	ng/ul	97
25) 2-Nitrophenol	9.645	139	348493	36.820	ng/ul	98
26) 2,4-Dimethylphenol	9.710	107	590759	31.210	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.945	93	815827	35.560	ng/ul	100
29) 2,4-Dichlorophenol	10.175	162	574138	36.969	ng/ul	99
30) Naphthalene	10.569	128	1977150	34.102	ng/ul	100
32) 4-Chloroaniline	10.692	127	505845	21.134	ng/ul	100
33) Hexachlorobutadiene	10.845	225	349152	35.786	ng/ul	98
34) Caprolactam	11.498	113	193818m	41.652	ng/ul	
35) 4-Chloro-3-methylphenol	11.833	107	638283	40.648	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.186	142	1346837	37.025	ng/ul	99
37) 1-Methylnaphthalene	12.410	142	1252088	34.178	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.557	216	589455	35.437	ng/ul	98
40) Hexachlorocyclopentadiene	12.527	237	243249	24.650	ng/ul	96
41) 2,4,6-Trichlorophenol	12.810	196	401159	38.327	ng/ul	99
42) 2,4,5-Trichlorophenol	12.880	196	440166	39.646	ng/ul	100
43) 1,1'-Biphenyl	13.210	154	1633366	36.087	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1262413	36.347	ng/ul	99
45) 2-Nitroaniline	13.468	65	411046	43.705	ng/ul	95
47) Dimethylphthalate	13.845	163	1492125	38.074	ng/ul	100
48) 2,6-Dinitrotoluene	13.968	165	312270	42.231	ng/ul	89
50) Acenaphthylene	14.098	152	1991438	35.563	ng/ul	100
51) 3-Nitroaniline	14.298	138	337710	41.763	ng/ul	99
52) Acenaphthene	14.439	153	1297986	35.562	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	157992	39.207	ng/ul	91
55) 4-Nitrophenol	14.621	109	252773	44.347	ng/ul#	75
56) Dibenzofuran	14.774	168	1845166	36.434	ng/ul	95
57) 2,4-Dinitrotoluene	14.757	165	464764	44.320	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.004	232	345132	40.943	ng/ul#	92
59) Diethylphthalate	15.210	149	1654808	42.836	ng/ul	99
61) Fluorene	15.421	166	1560984	38.860	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.421	204	745913	39.752	ng/ul	99
63) 4-Nitroaniline	15.468	138	399232m	52.925	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.521	198	243293	33.354	ng/ul#	95
67) N-Nitrosodiphenylamine	15.639	169	1357578	33.839	ng/ul	98
68) 4-Bromophenyl-phenylether	16.315	248	485570	37.369	ng/ul	98
69) Hexachlorobenzene	16.415	284	584171	37.098	ng/ul	94
70) Atrazine	16.598	200	32002	2.335	ng/ul	94
71) Pentachlorophenol	16.768	266	311374	35.867	ng/ul	99
72) Phenanthrene	17.162	178	2728435	36.984	ng/ul	98
74) Anthracene	17.251	178	2732716	36.949	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	600997	28.543	ng/uL	97
76) Pentachlorobenzene	14.686	250	583814	29.695	ng/uL	100
77) Carbazole	17.533	167	2607461	37.654	ng/ul	99
78) Di-n-butylphthalate	18.092	149	3393805	44.808	ng/ul	98
80) Fluoranthene	19.180	202	3256940	42.656	ng/ul	99
82) Pyrene	19.545	202	3279118	41.155	ng/ul	98
83) Butylbenzylphthalate	20.456	149	1524352	51.138	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	666270	26.566	ng/ul	99
85) Benzo(a)anthracene	21.291	228	2922905	39.936	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	2240986	54.451	ng/ul#	98
87) Chrysene	21.350	228	2816569	39.165	ng/ul	99
89) Di-n-octyl phthalate	22.121	149	3496280	58.999	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	2579993	42.450	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	2427404	41.980	ng/ul	99
93) Benzo(a)pyrene	23.503	252	2357043	39.421	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.968	276	2402810	34.180	ng/ul	95
95) Dibenzo(a,h)anthracene	25.979	278	2067223	34.136	ng/ul	97
96) Benzo(g,h,i)perylene	26.691	276	1879994	31.272	ng/ul	97

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

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