Quantitation Report (Qedit)

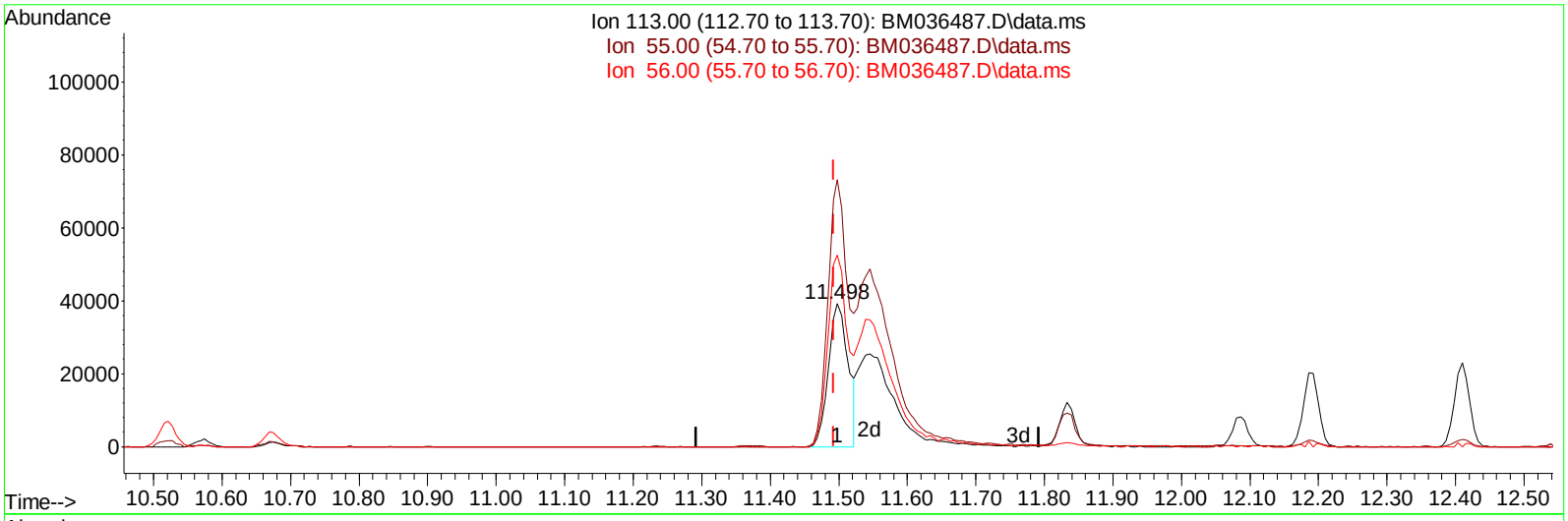
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090222\
Data File : BM036487.D
Acq On : 02 Sep 2022 12:12
Operator : CG/JU
Sample : PB147414BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

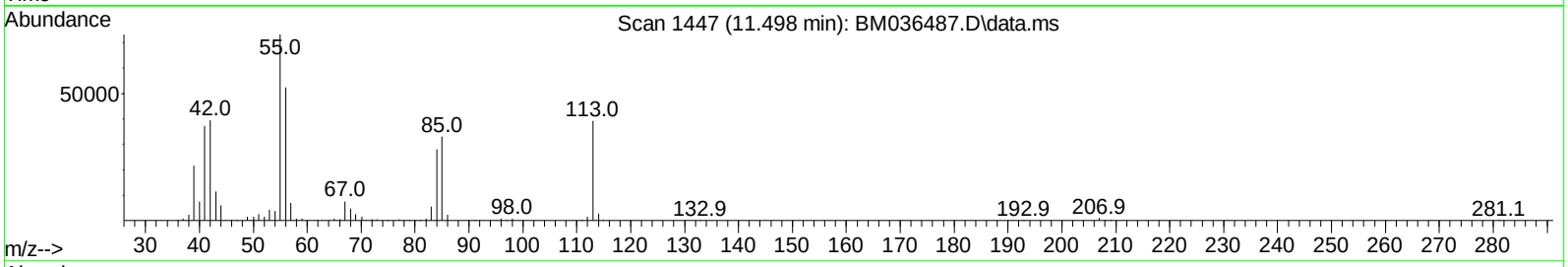
Quant Time: Sep 02 23:15:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 02 01:33:23 2022
Response via : Initial Calibration

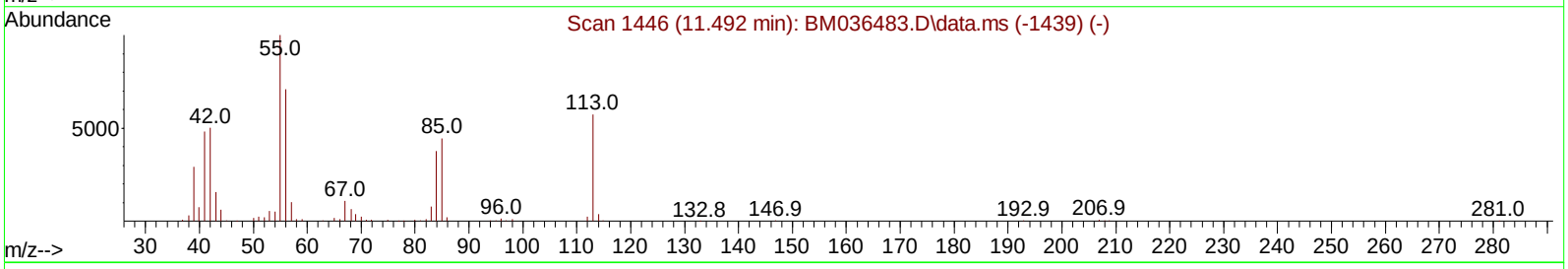
Instrument :
BNA_M
ClientSampleId :
SLCS414

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/03/2022
Supervised By :Sohil Jodhani 09/03/2022







TIC: BM036487.D\data.ms

(34) Caprolactam

11.498min (+ 0.006) 19.50 ng/ul

response 79040

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	186.27
56.00	127.60	133.58
0.00	0.00	0.00

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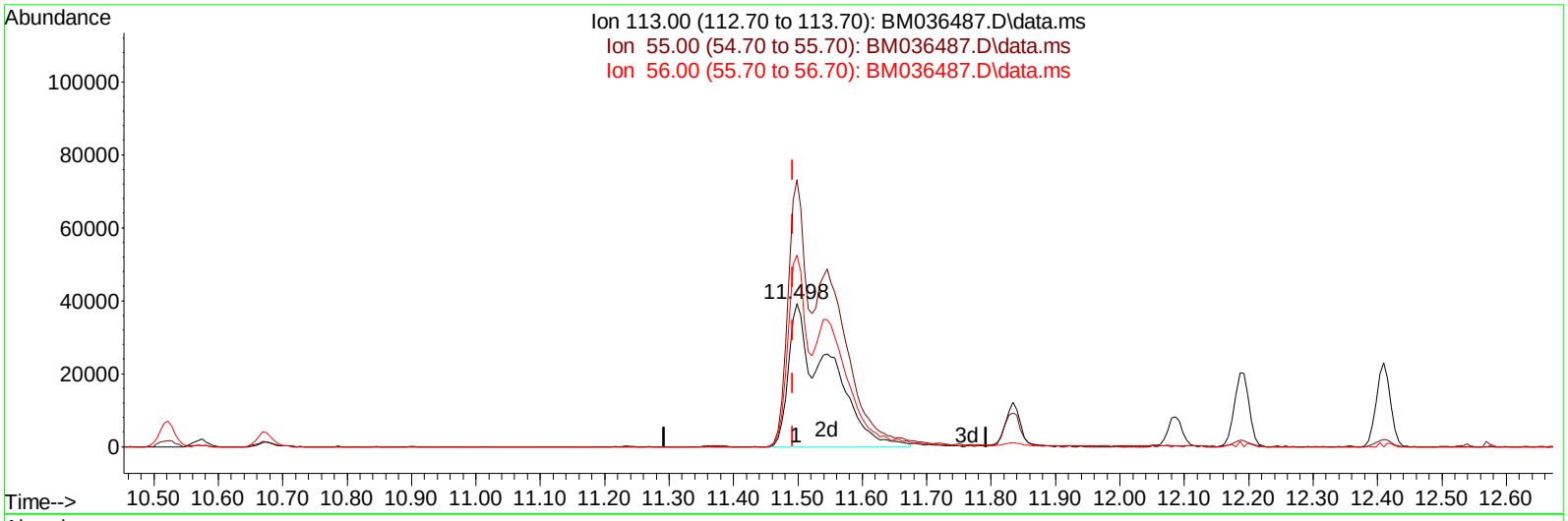

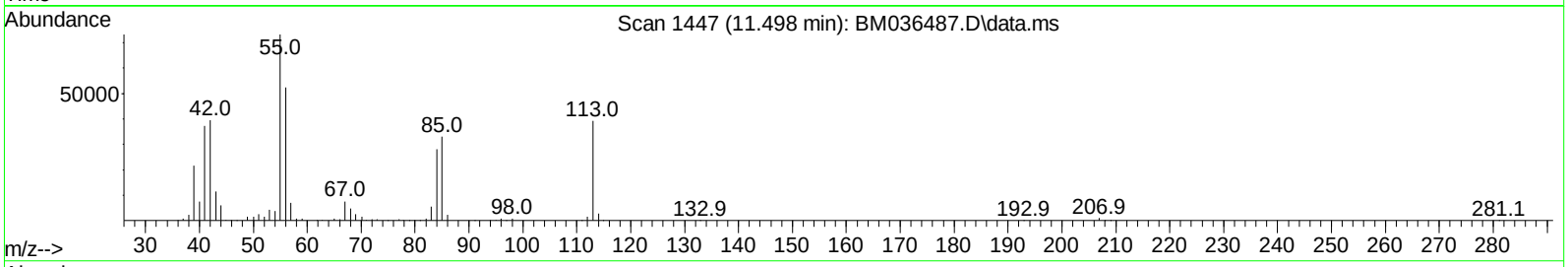

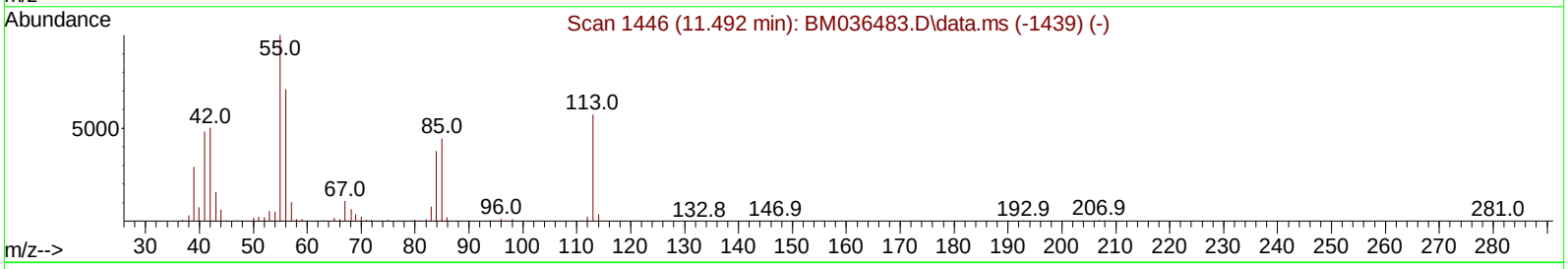

TIC: BM036487.D\data.ms

(34) Caprolactam

11.498min (+ 0.006) 42.40 ng/ul m

response 171866

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	186.27
56.00	127.60	133.58
0.00	0.00	0.00

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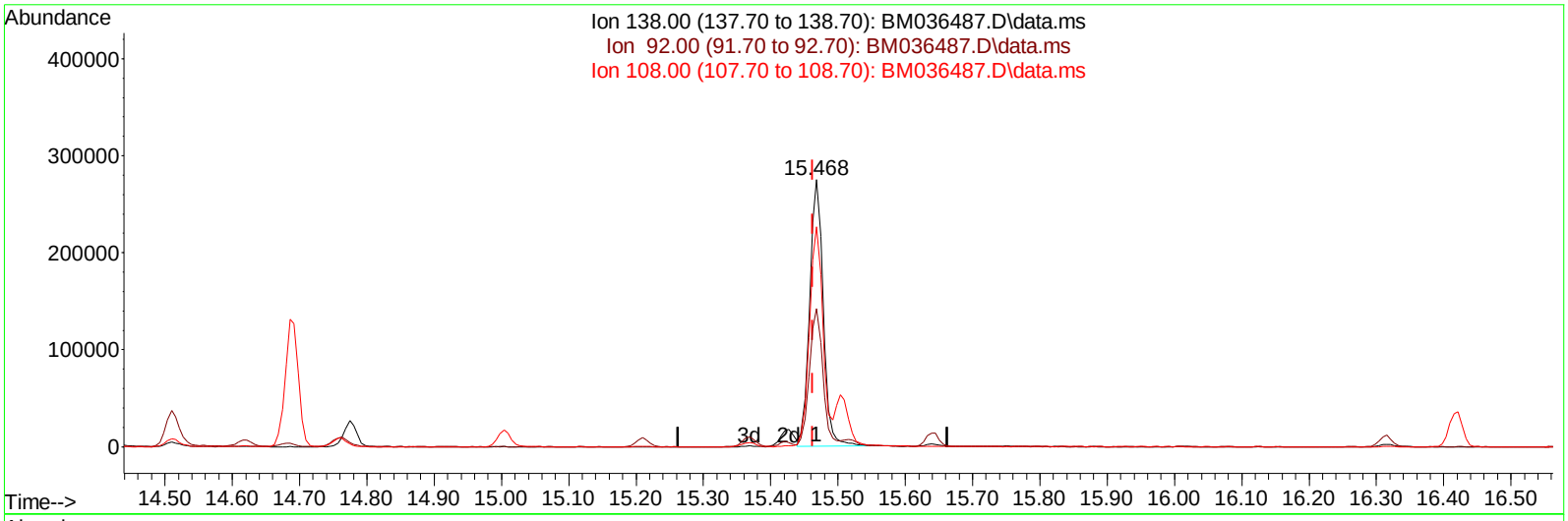

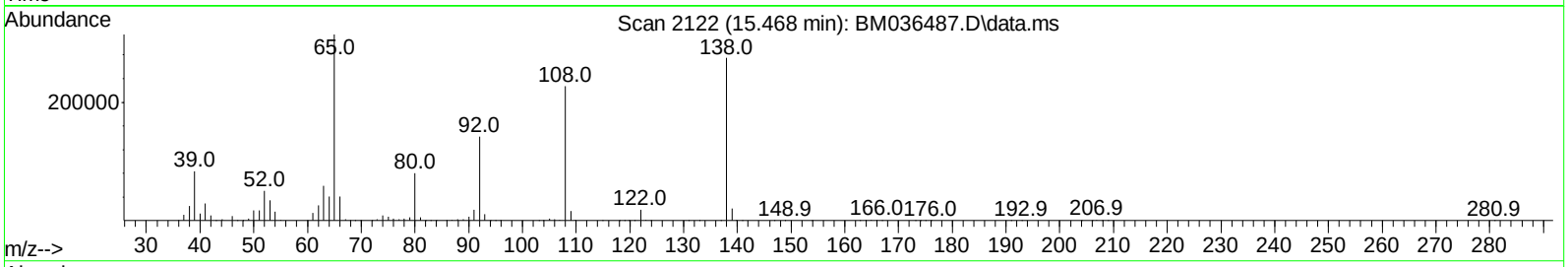

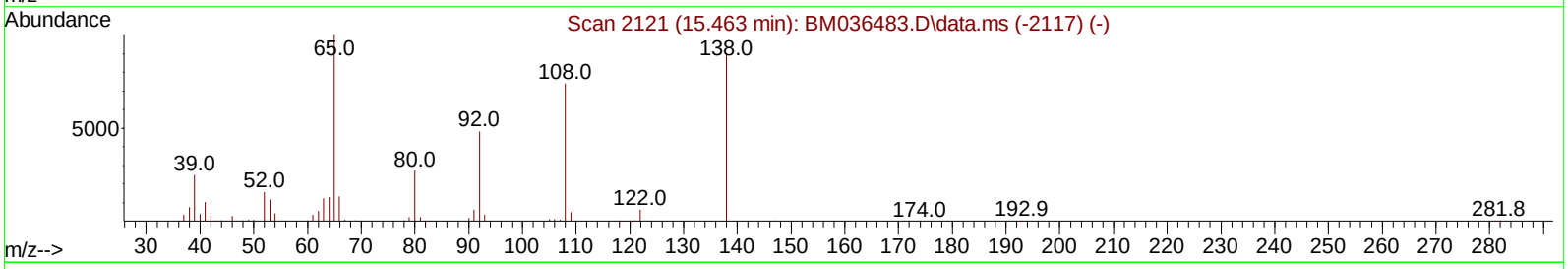

TIC: BM036487.D\data.ms

(63) 4-Nitroaniline

15.468min (+ 0.006) 49.63 ng/ul

response 386669

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	51.73
108.00	64.50	82.39#
0.00	0.00	0.00

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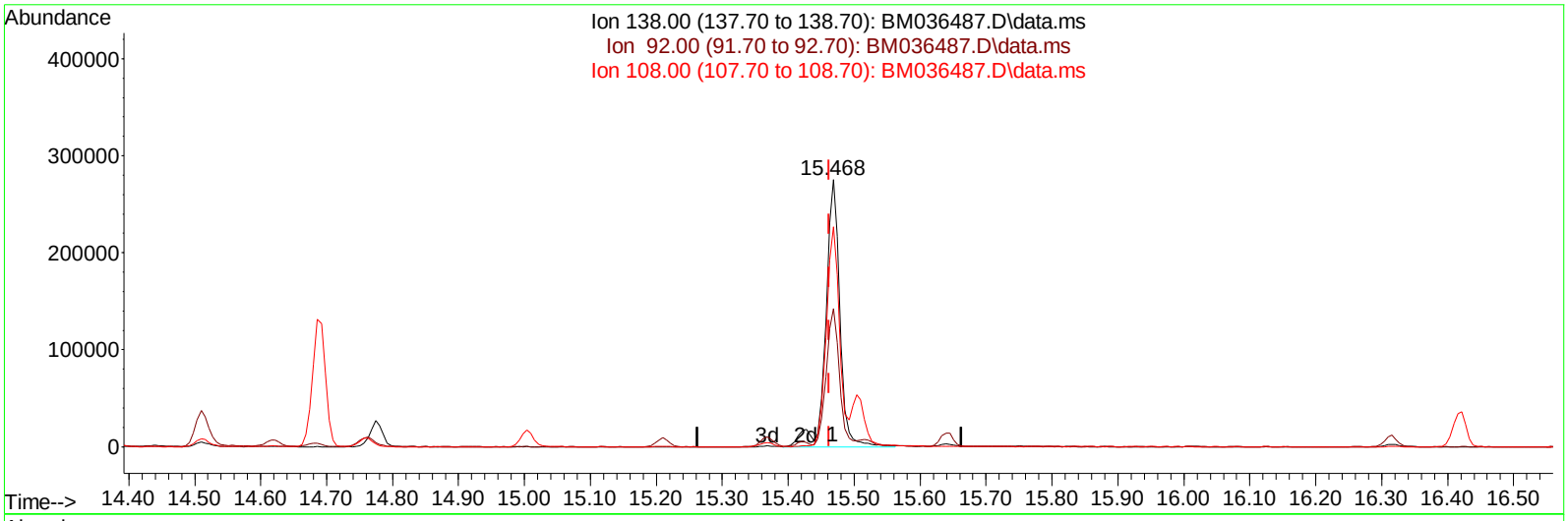

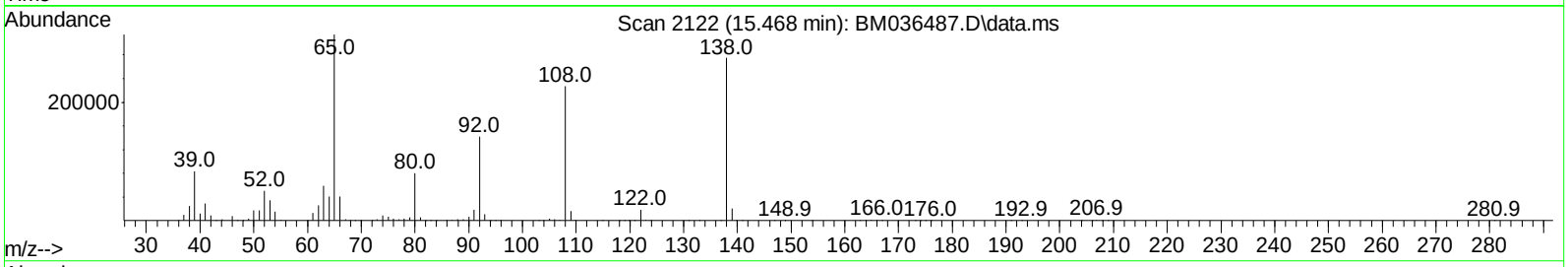

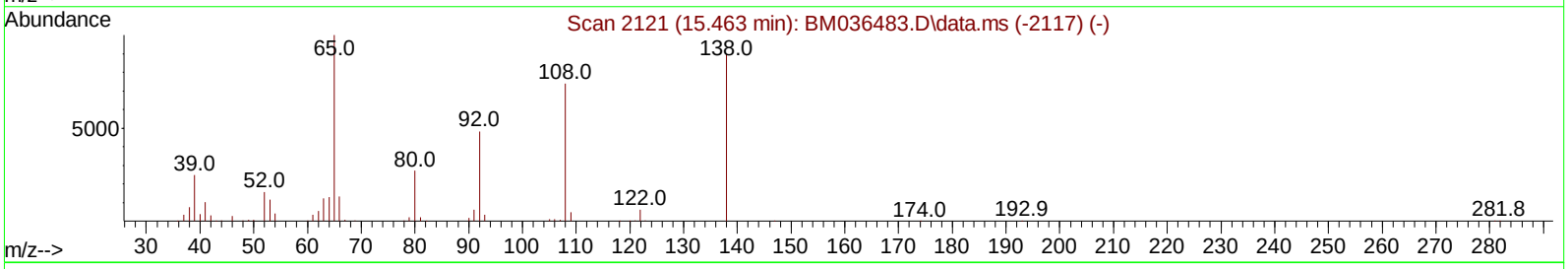

TIC: BM036487.D\data.ms

(63) 4-Nitroaniline

15.468min (+ 0.006) 53.40 ng/ul m

response 416067

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	51.73
108.00	64.50	82.39#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/03/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	202145	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	962270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.374	164	621575	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.121	188	1313828	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1355889	20.000	ng/ul	0.00
88) Perylene-d12	23.597	264	1277524	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	32298	6.089	ng/uL	0.00
4) Pyridine-d5	3.551	84	453940	31.034	ng/ul	0.00
7) Phenol-d5	6.904	99	650496	37.700	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	420123	38.682	ng/ul	0.00
11) 2-Chlorophenol-d4	7.257	132	506330	37.348	ng/ul	0.00
15) 4-Methylphenol-d8	8.451	113	519030	40.286	ng/ul	0.00
21) Nitrobenzene-d5	8.898	128	262914	36.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.616	143	277443	37.490	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	508165	38.430	ng/ul	0.00
31) 4-Chloroaniline-d4	10.675	131	586028	28.588	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1532288	38.966	ng/ul	0.00
49) Acenaphthylene-d8	14.068	160	1860834	37.941	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	312822	41.983	ng/ul	0.00
60) Fluorene-d10	15.368	176	1418293	39.914	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	263843	39.062	ng/ul	0.00
73) Anthracene-d10	17.221	188	2253198	38.569	ng/ul	0.00
81) Pyrene-d10	19.515	212	2562701	36.435	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.456	264	2455380	39.200	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	71687	12.832	ng/uL	99
5) Pyridine	3.575	79	537258	35.556	ng/ul	93
6) Benzaldehyde	6.869	77	152481	21.514	ng/ul	93
8) Phenol	6.928	94	706205	39.365	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.157	93	554864	38.670	ng/ul	99
12) 2-Chlorophenol	7.287	128	543934	38.368	ng/ul	98
13) 2-Methylphenol	8.181	108	533521	40.345	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.263	45	821345	42.784	ng/ul	100
16) Acetophenone	8.557	105	867743	41.876	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.551	70	453975	44.017	ng/ul	98
18) 4-Methylphenol	8.516	108	587950	41.535	ng/ul	98
19) Hexachloroethane	8.792	117	225539	38.027	ng/ul	85
22) Nitrobenzene	8.939	77	663971	38.409	ng/ul	98
23) Isophorone	9.463	82	1266732	41.264	ng/ul	95
25) 2-Nitrophenol	9.645	139	314769	38.177	ng/ul	97
26) 2,4-Dimethylphenol	9.710	107	637110	38.640	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.951	93	790474	39.553	ng/ul	99
29) 2,4-Dichlorophenol	10.180	162	528656	39.077	ng/ul	99
30) Naphthalene	10.569	128	1864616	36.919	ng/ul	99
32) 4-Chloroaniline	10.698	127	404242	19.388	ng/ul	99
33) Hexachlorobutadiene	10.845	225	308517	36.300	ng/ul	96
34) Caprolactam	11.498	113	171866m	42.399	ng/ul	
35) 4-Chloro-3-methylphenol	11.833	107	598764	43.773	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.192	142	1283868	40.516	ng/ul	98
37) 1-Methylnaphthalene	12.410	142	1291104	40.457	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.557	216	608634	35.426	ng/ul	98
40) Hexachlorocyclopentadiene	12.527	237	320741	31.469	ng/ul	95
41) 2,4,6-Trichlorophenol	12.810	196	399588	36.962	ng/ul	99
42) 2,4,5-Trichlorophenol	12.880	196	438375	38.229	ng/ul	99
43) 1,1'-Biphenyl	13.210	154	1730944	37.026	ng/ul	99
44) 2-Chloronaphthalene	13.251	162	1303267	36.330	ng/ul	99
45) 2-Nitroaniline	13.474	65	422445	43.488	ng/ul	96
47) Dimethylphthalate	13.845	163	1630013	40.269	ng/ul	99
48) 2,6-Dinitrotoluene	13.974	165	330992	43.339	ng/ul	89
50) Acenaphthylene	14.098	152	2229958	38.555	ng/ul	100
51) 3-Nitroaniline	14.304	138	351893	42.132	ng/ul	99
52) Acenaphthene	14.439	153	1460788	38.750	ng/ul	98
53) 2,4-Dinitrophenol	14.510	184	186609	44.835	ng/ul	91
55) 4-Nitrophenol	14.621	109	265005	45.014	ng/ul	81
56) Dibenzofuran	14.774	168	2049934	39.190	ng/ul	96
57) 2,4-Dinitrotoluene	14.757	165	492610	45.481	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.004	232	355207	40.797	ng/ul#	91
59) Diethylphthalate	15.210	149	1756921	44.032	ng/ul	99
61) Fluorene	15.427	166	1734438	41.804	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.421	204	807855	41.683	ng/ul	99
63) 4-Nitroaniline	15.468	138	416067m	53.402	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.521	198	271993	39.828	ng/ul#	93
67) N-Nitrosodiphenylamine	15.639	169	1413507	37.632	ng/ul	98
68) 4-Bromophenyl-phenylether	16.315	248	463153	38.071	ng/ul	96
69) Hexachlorobenzene	16.421	284	556260	37.731	ng/ul	96
70) Atrazine	16.598	200	36194	2.820	ng/ul	95
71) Pentachlorophenol	16.774	266	311979	38.384	ng/ul	99
72) Phenanthrene	17.162	178	2707882	39.205	ng/ul	98
74) Anthracene	17.256	178	2758096	39.831	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.169	216	608089	30.847	ng/uL	97
76) Pentachlorobenzene	14.692	250	626083	34.014	ng/uL	99
77) Carbazole	17.533	167	2535857	39.113	ng/ul	98
78) Di-n-butylphthalate	18.098	149	3178903	44.829	ng/ul	99
80) Fluoranthene	19.180	202	3199170	37.636	ng/ul	100
82) Pyrene	19.545	202	3325269	37.487	ng/ul	99
83) Butylbenzylphthalate	20.456	149	1447581	43.621	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.233	252	901342	32.282	ng/ul	99
85) Benzo(a)anthracene	21.292	228	3231297	39.657	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	2258409	49.290	ng/ul#	98
87) Chrysene	21.344	228	3121308	38.986	ng/ul	98
89) Di-n-octyl phthalate	22.121	149	3681663	48.479	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	3212864	41.249	ng/ul	98
91) Benzo(k)fluoranthene	22.950	252	3063173	41.337	ng/ul	98
93) Benzo(a)pyrene	23.503	252	3089281	40.317	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.968	276	3140303	34.857	ng/ul	96
95) Dibenzo(a,h)anthracene	25.979	278	2718223	35.025	ng/ul	98
96) Benzo(g,h,i)perylene	26.697	276	2555842	33.175	ng/ul	98

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

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