Quantitation Report (Qedit)

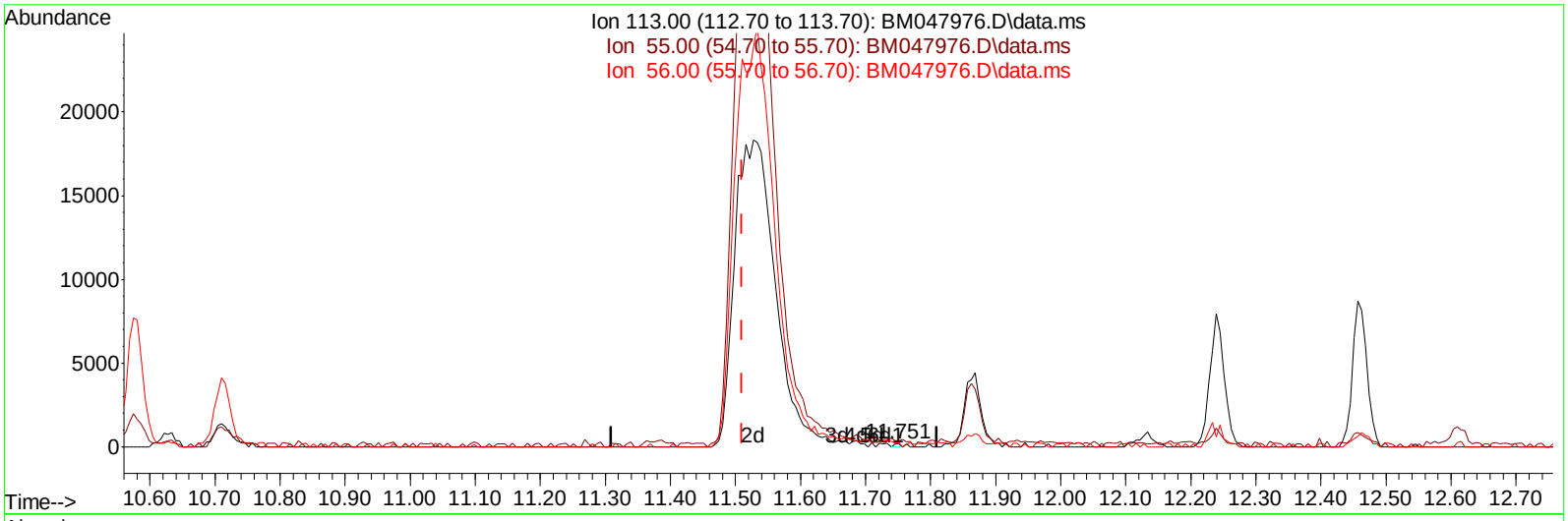
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100924\
Data File : BM047976.D
Acq On : 10 Oct 2024 12:28
Operator : RC/JU
Sample : PB163768BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

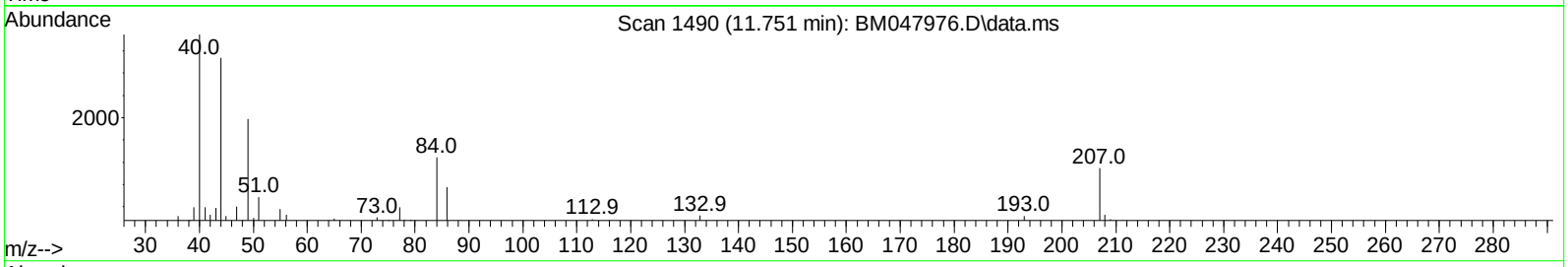
Quant Time: Oct 10 13:16:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

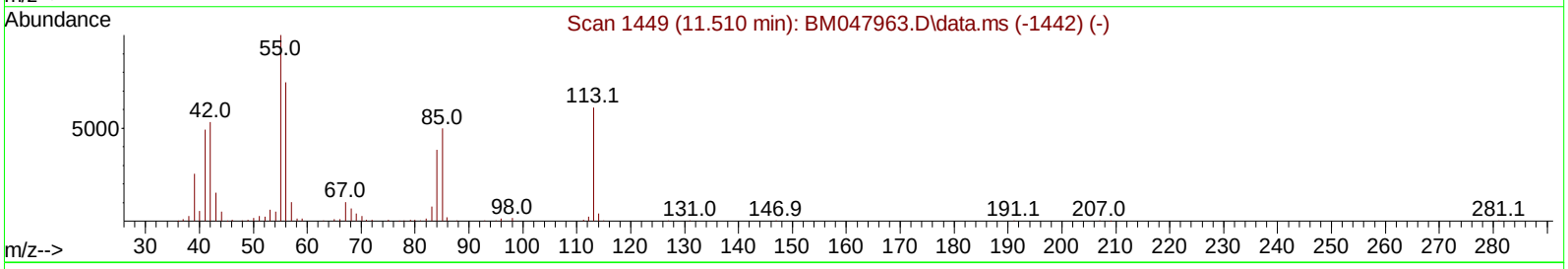
Instrument :
BNA_M
ClientSampleId :
SLCS768

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/10/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BM047976.D\data.ms

(34) Caprolactam

11.751min (+ 0.241) 0.02 ng/ul

response 124

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	197.28
56.00	164.10	142.39
0.00	0.00	0.00

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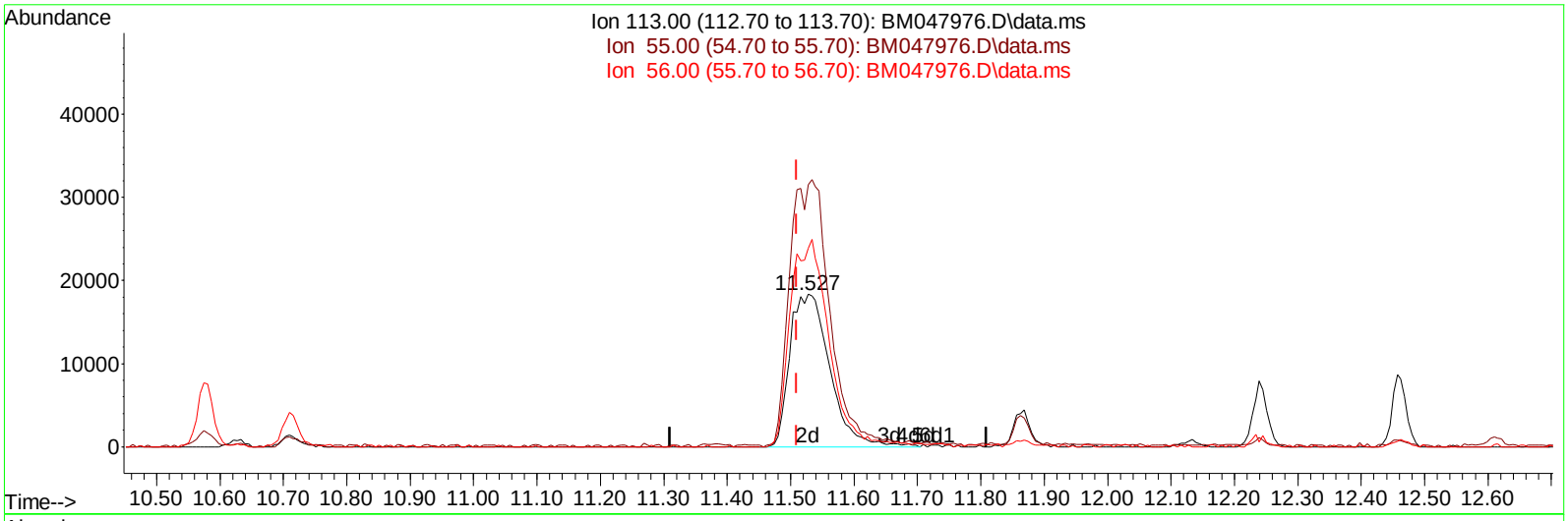

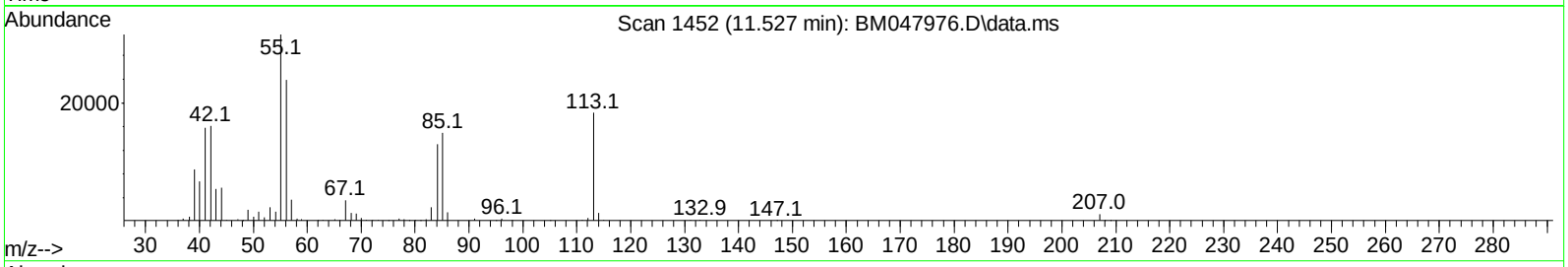

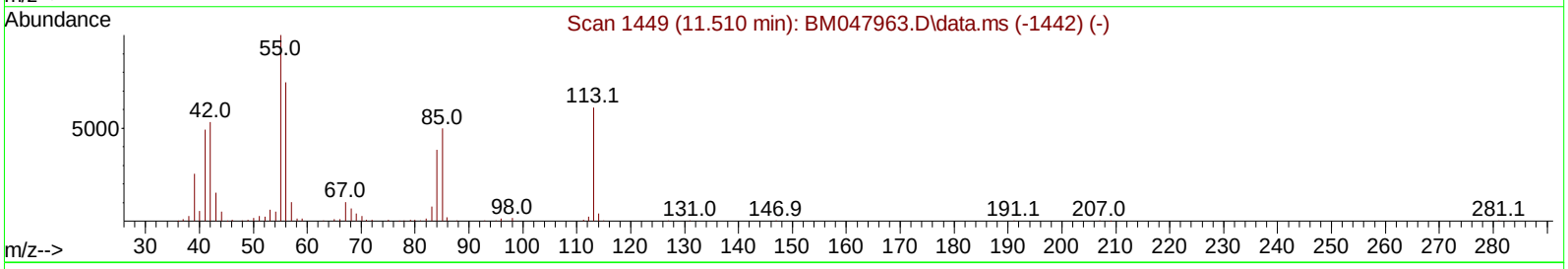

TIC: BM047976.D\data.ms

(34) Caprolactam

11.527min (+ 0.018) 13.66 ng/ul m

response 80361

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	171.96
56.00	164.10	130.22#
0.00	0.00	0.00

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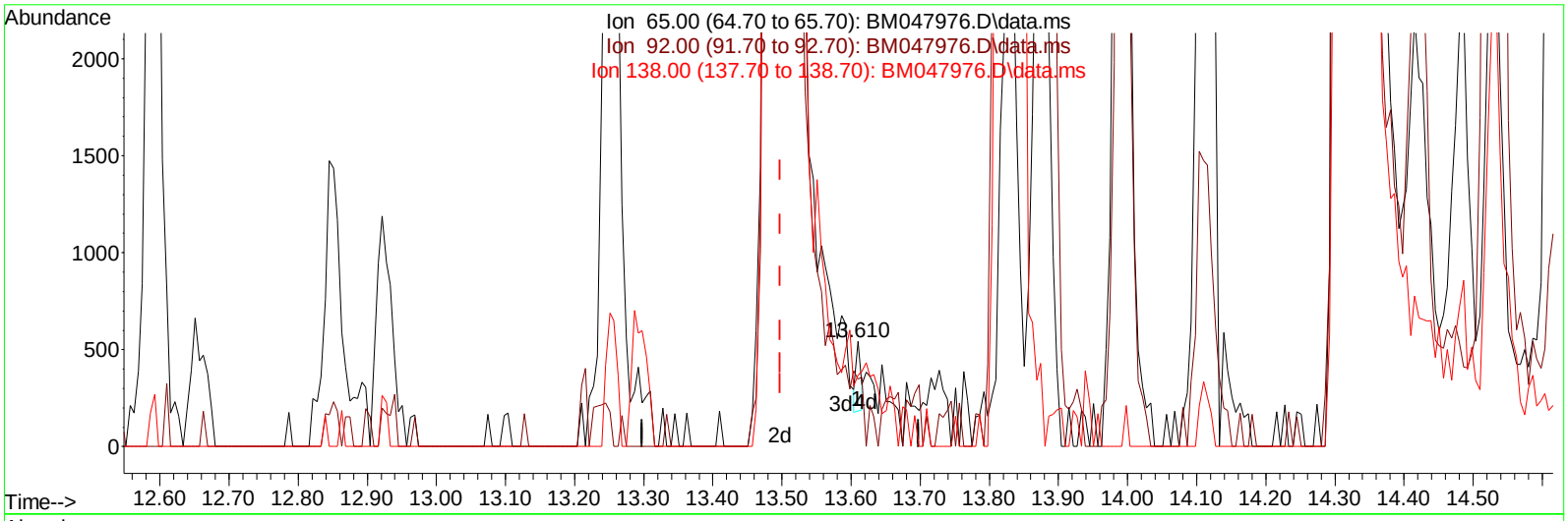

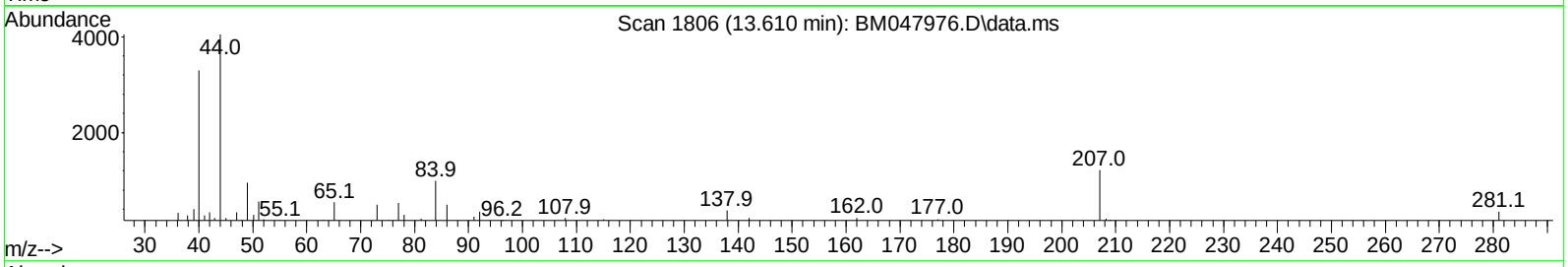

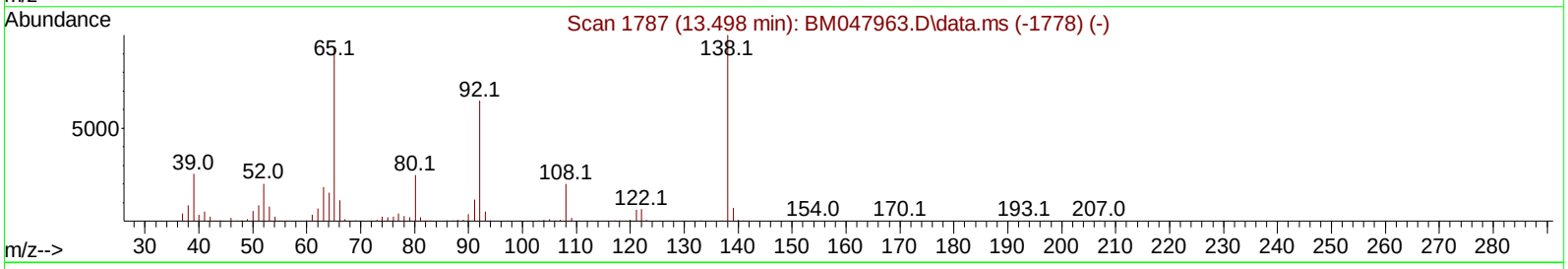

TIC: BM047976.D\data.ms

(45) 2-Nitroaniline

13.610min (+ 0.112) 0.01 ng/ul

response 174

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	64.58
138.00	84.50	67.71
0.00	0.00	0.00

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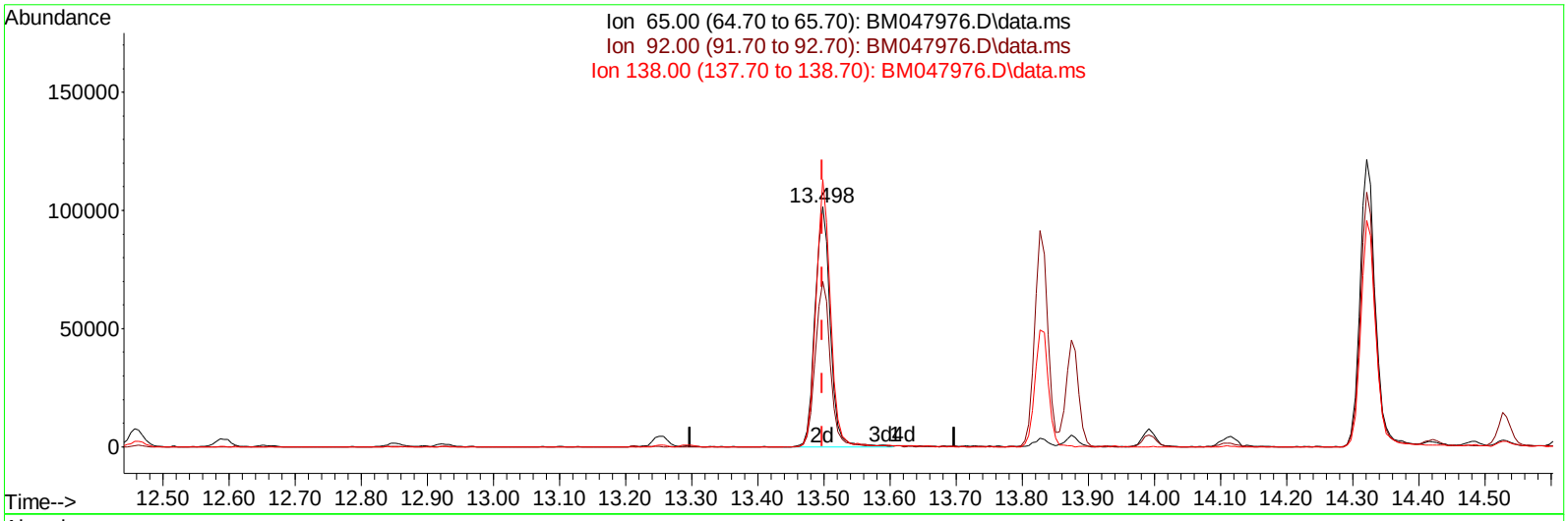

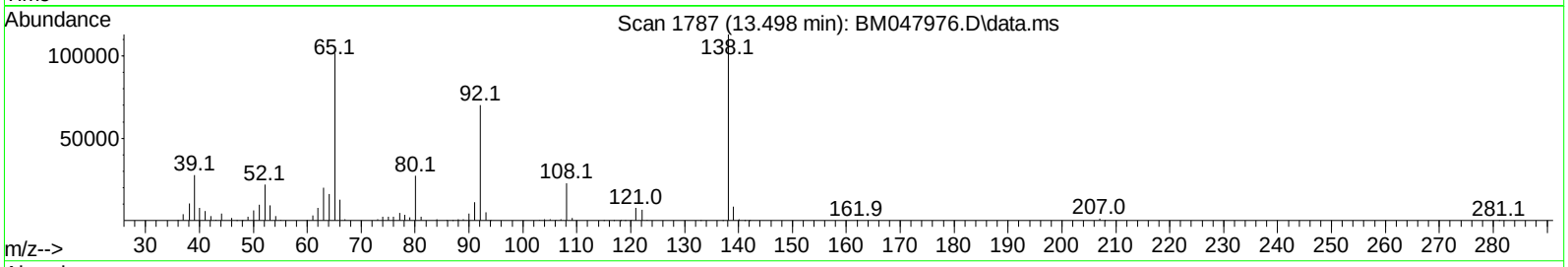

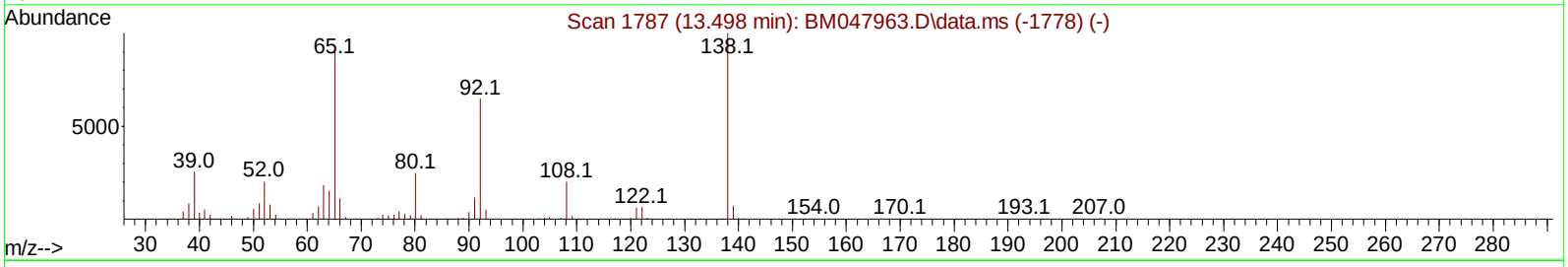

TIC: BM047976.D\data.ms

(45) 2-Nitroaniline

13.498min (+ 0.000) 11.47 ng/ul m

response 162305

Ion	Exp%	Act%
65.00	100.00	100.00
92.00	61.40	68.96
138.00	84.50	111.22#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/10/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	296428	20.000	ng/ul	0.00
20) Naphthalene-d8	10.580	136	1169019	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	720035	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1484060	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1468819	20.000	ng/ul	0.00
88) Perylene-d12	24.374	264	1664925	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	38212	4.166	ng/uL	0.00
4) Pyridine-d5	3.652	84	572097	21.301	ng/ul	0.00
7) Phenol-d5	6.957	99	671864	23.969	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	402488	20.235	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	552705	27.102	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	516620	24.789	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	259819	27.914	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	282748	31.699	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	507049	28.457	ng/ul	0.00
31) 4-Chloroaniline-d4	10.710	131	712677	25.871	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	1372032	26.283	ng/ul	0.00
49) Acenaphthylene-d8	14.116	160	1670400	26.988	ng/ul	0.00
54) 4-Nitrophenol-d4	14.621	143	291199	28.017	ng/ul	0.00
60) Fluorene-d10	15.410	176	1233515	27.280	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	232923	26.820	ng/ul	0.00
73) Anthracene-d10	17.256	188	1923016	26.352	ng/ul	0.00
81) Pyrene-d10	19.545	212	2285937	27.422	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.168	264	2440975	28.257	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	42798	4.272	ng/uL	88
5) Pyridine	3.675	79	288096	10.189	ng/ul	93
6) Benzaldehyde	6.928	77	169504	11.120	ng/ul	91
8) Phenol	6.987	94	342874	11.496	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.210	93	261389	10.999	ng/ul	91
12) 2-Chlorophenol	7.351	128	280239	12.971	ng/ul	94
13) 2-Methylphenol	8.228	108	248270	11.938	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.304	45	393392	8.793	ng/ul#	95
16) Acetophenone	8.604	105	405423	11.369	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.592	70	195857	10.370	ng/ul#	88
18) 4-Methylphenol	8.557	108	275581	11.792	ng/ul	97
19) Hexachloroethane	8.863	117	115260	11.869	ng/ul	90
22) Nitrobenzene	8.981	77	303826	11.491	ng/ul	94
23) Isophorone	9.510	82	544962	11.522	ng/ul	95
25) 2-Nitrophenol	9.692	139	150276	14.727	ng/ul#	87
26) 2,4-Dimethylphenol	9.757	107	227346	10.398	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.986	93	331194	11.448	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	257569	13.999	ng/ul	97
30) Naphthalene	10.628	128	866446	12.885	ng/ul	100
32) 4-Chloroaniline	10.733	127	287952	10.616	ng/ul	99
33) Hexachlorobutadiene	10.916	225	160522	13.205	ng/ul	98
34) Caprolactam	11.527	113	80361m	13.657	ng/ul	
35) 4-Chloro-3-methylphenol	11.863	107	254308	13.353	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.239	142	557300	13.044	ng/ul	97
37) 1-Methylnaphthalene	12.463	142	563847	12.971	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.610	216	300059	12.802	ng/ul	96
40) Hexachlorocyclopentadiene	12.592	237	128287	9.049	ng/ul	99
41) 2,4,6-Trichlorophenol	12.851	196	188602	13.907	ng/ul	98
42) 2,4,5-Trichlorophenol	12.927	196	207770	14.010	ng/ul	96
43) 1,1'-Biphenyl	13.251	154	723403	12.548	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	574631	12.888	ng/ul	97
45) 2-Nitroaniline	13.498	65	162305m	11.467	ng/ul	
47) Dimethylphthalate	13.874	163	685105	12.959	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	130173	14.020	ng/ul	88
50) Acenaphthylene	14.145	152	923535	13.231	ng/ul	99
51) 3-Nitroaniline	14.321	138	153651	13.673	ng/ul	88
52) Acenaphthene	14.486	153	620046	12.566	ng/ul	97
53) 2,4-Dinitrophenol	14.533	184	71308	12.429	ng/ul#	78
55) 4-Nitrophenol	14.633	109	108942	12.484	ng/ul	92
56) Dibenzofuran	14.821	168	880548	13.257	ng/ul	96
57) 2,4-Dinitrotoluene	14.780	165	205082	14.706	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.045	232	174418	14.921	ng/ul#	97
59) Diethylphthalate	15.239	149	679302	12.842	ng/ul	98
61) Fluorene	15.468	166	720148	12.996	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.462	204	337752	12.899	ng/ul	96
63) 4-Nitroaniline	15.480	138	164871	15.107	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.545	198	128659	13.370	ng/ul#	89
67) N-Nitrosodiphenylamine	15.674	169	589339	12.744	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	204187	13.348	ng/ul	98
69) Hexachlorobenzene	16.468	284	250473	14.070	ng/ul	93
70) Atrazine	16.621	200	147077	9.554	ng/ul	98
71) Pentachlorophenol	16.815	266	152609	13.481	ng/ul	98
72) Phenanthrene	17.204	178	1129463	12.978	ng/ul	100
74) Anthracene	17.292	178	1128929	12.718	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.221	216	290902	11.839	ng/uL	99
76) Pentachlorobenzene	14.739	250	284926	11.880	ng/uL	99
77) Carbazole	17.562	167	1078904	13.410	ng/ul	99
78) Di-n-butylphthalate	18.121	149	1158854	12.937	ng/ul	98
80) Fluoranthene	19.215	202	1337697	13.625	ng/ul	97
82) Pyrene	19.574	202	1461110	13.371	ng/ul	96
83) Butylbenzylphthalate	20.468	149	539621	13.968	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.286	252	432434	13.933	ng/ul	99
85) Benzo(a)anthracene	21.362	228	1407377	13.685	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	767648	13.235	ng/ul	98
87) Chrysene	21.427	228	1343898	13.404	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	1319813	12.290	ng/ul	100
90) Benzo(b)fluoranthene	23.421	252	1430123	13.774	ng/ul	99
91) Benzo(k)fluoranthene	23.485	252	1391984	13.111	ng/ul	99
93) Benzo(a)pyrene	24.233	252	1296069	13.144	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.738	276	1675215	13.257	ng/ul	99
95) Dibenzo(a,h)anthracene	27.791	278	1376549	13.292	ng/ul	96
96) Benzo(g,h,i)perylene	28.785	276	1307019	13.201	ng/ul	97

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

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