Quantitation Report (Qedit)

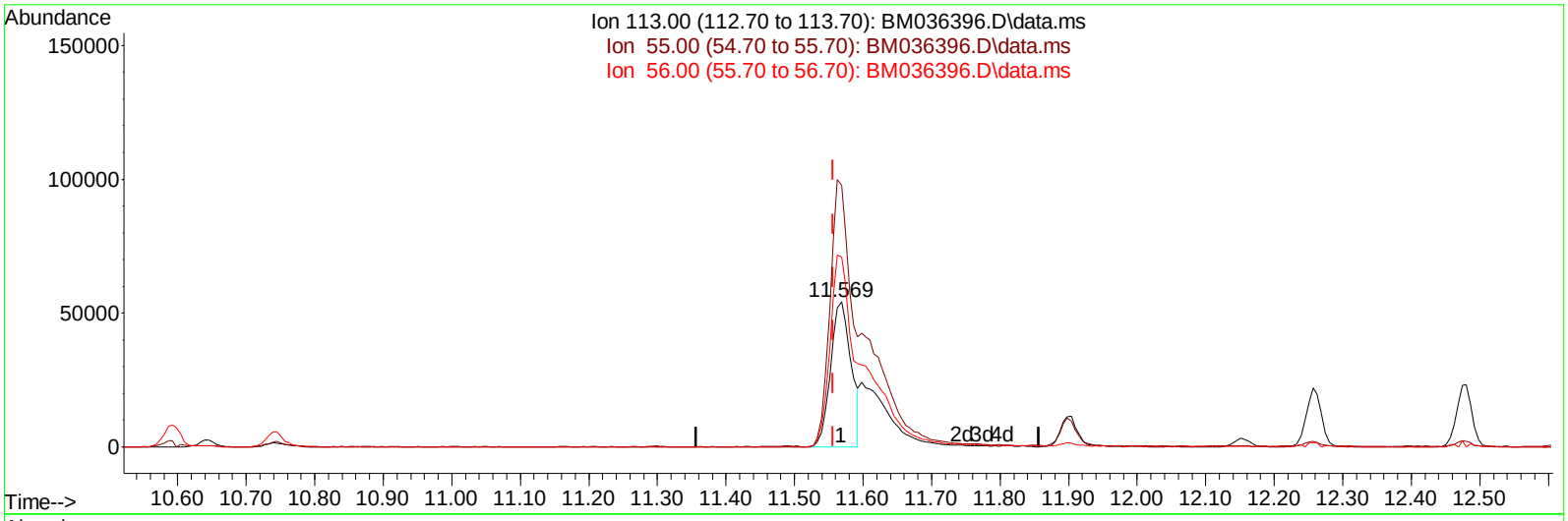
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
Data File : BM036396.D
Acq On : 23 Aug 2022 18:54
Operator : CG/JU
Sample : PB147167BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

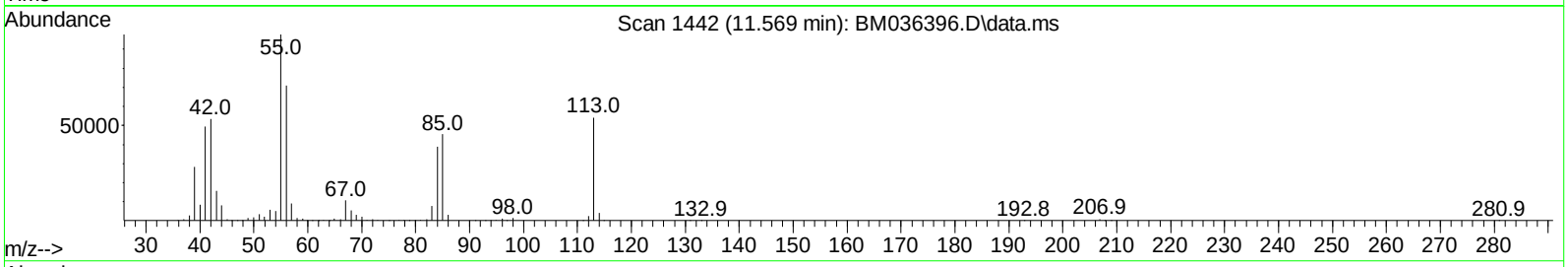
Quant Time: Aug 24 01:02:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 23 00:55:01 2022
Response via : Initial Calibration

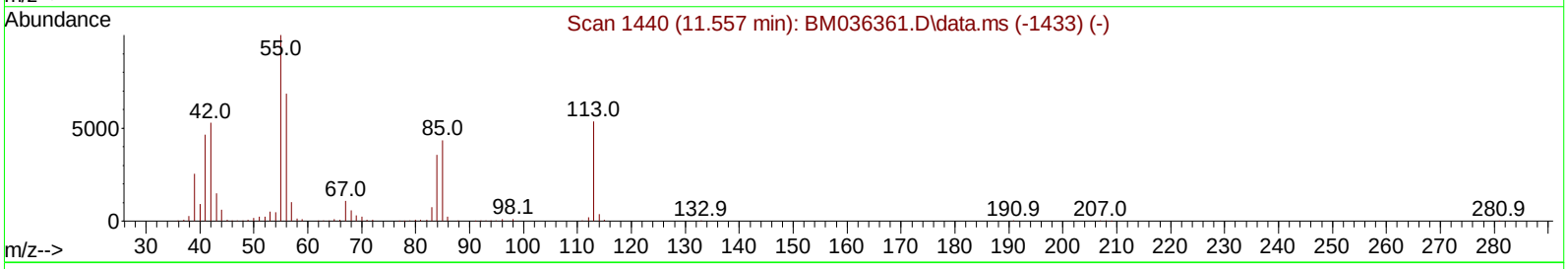
Instrument :
BNA_M
ClientSampleId :
SLCS167

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/24/2022
Supervised By :Sohil Jodhani 08/24/2022







TIC: BM036396.D\data.ms

(34) Caprolactam

11.569min (+ 0.012) 23.14 ng/ul

response 113321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	180.45
56.00	127.60	130.91
0.00	0.00	0.00

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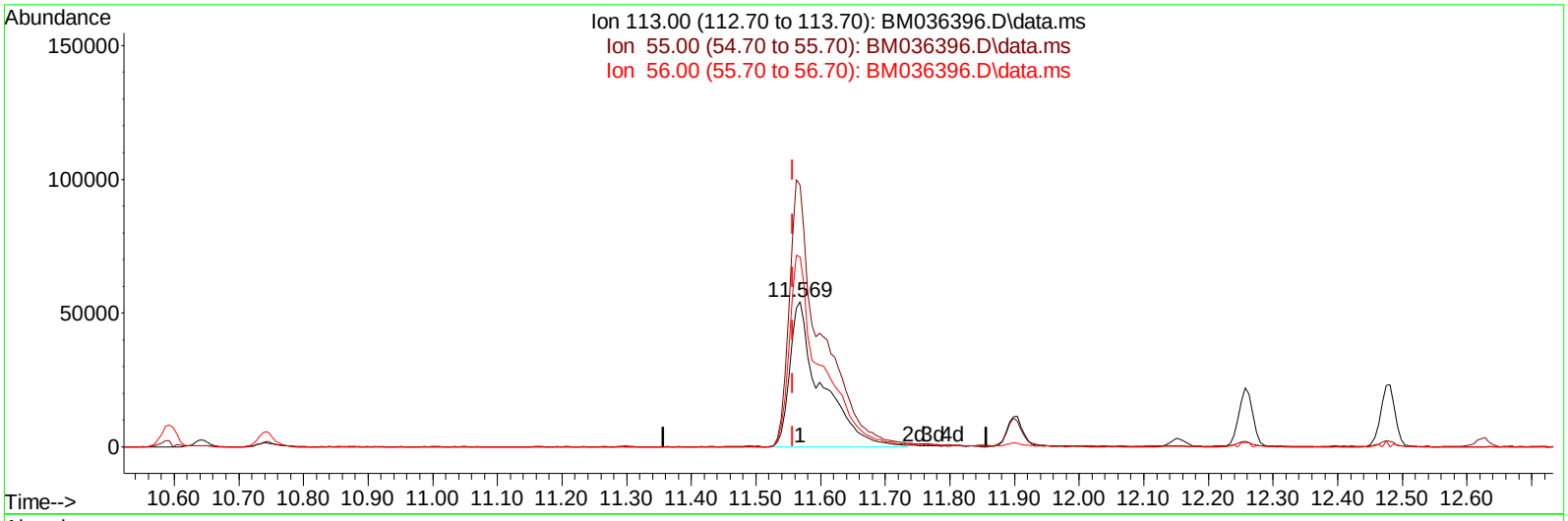

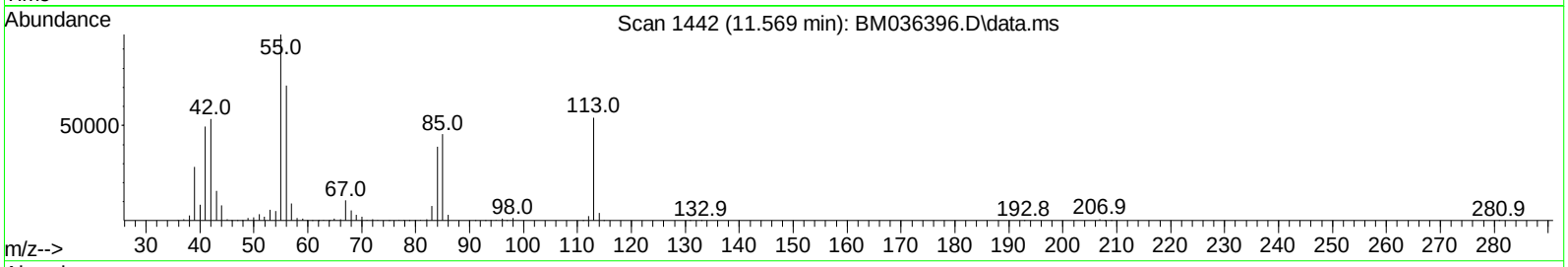

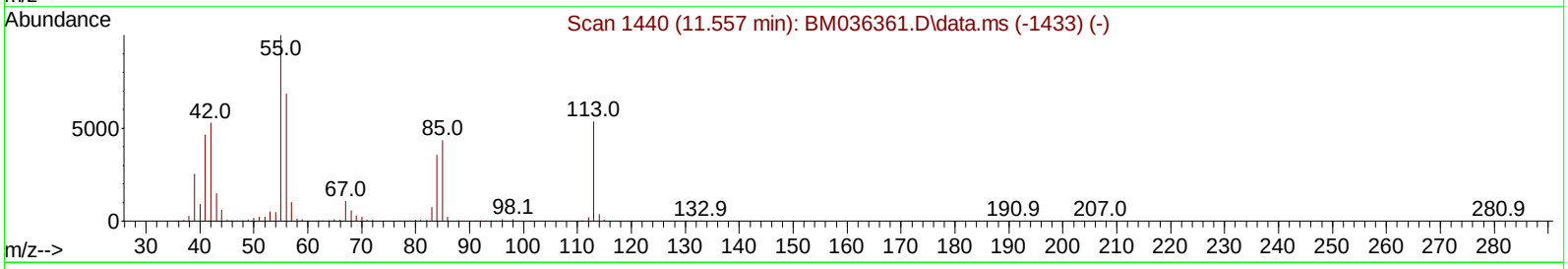

TIC: BM036396.D\data.ms

(34) Caprolactam

11.569min (+ 0.012) 37.23 ng/ul m

response 182334

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	180.45
56.00	127.60	130.91
0.00	0.00	0.00

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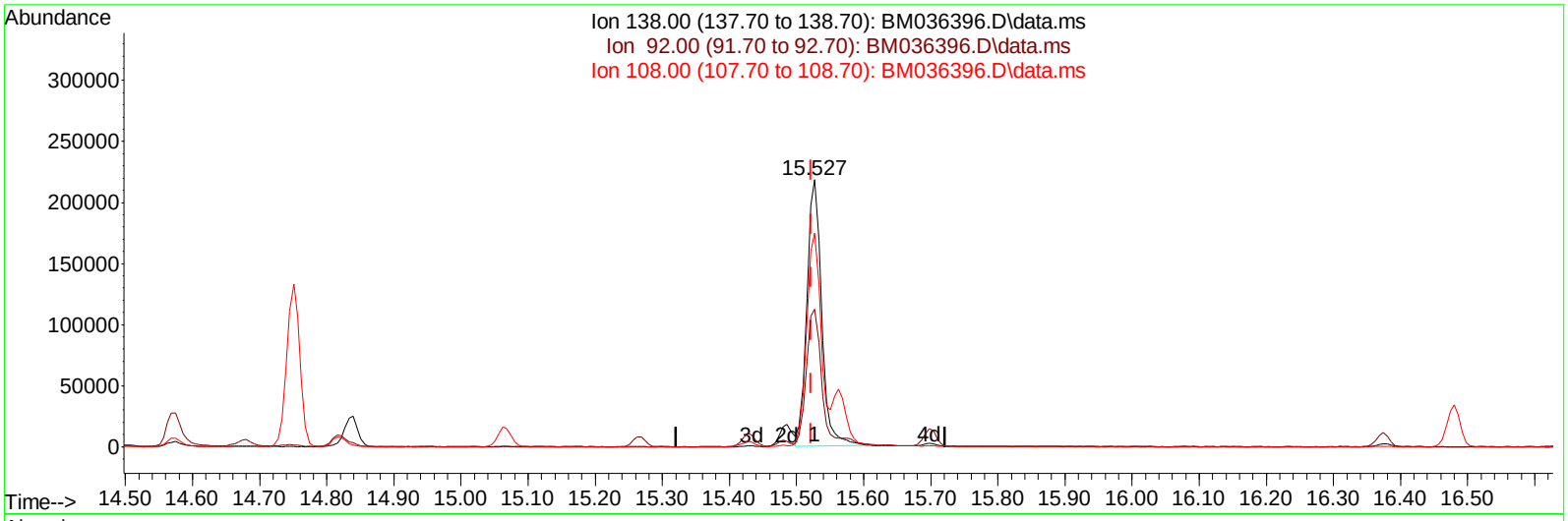

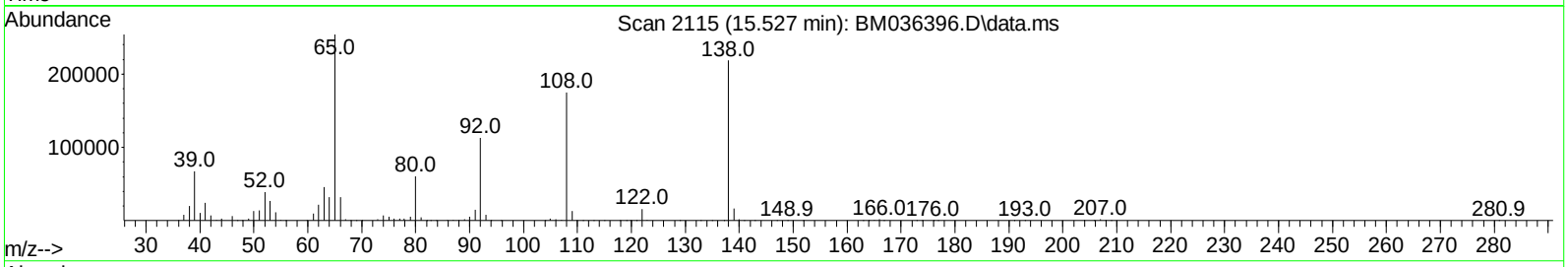

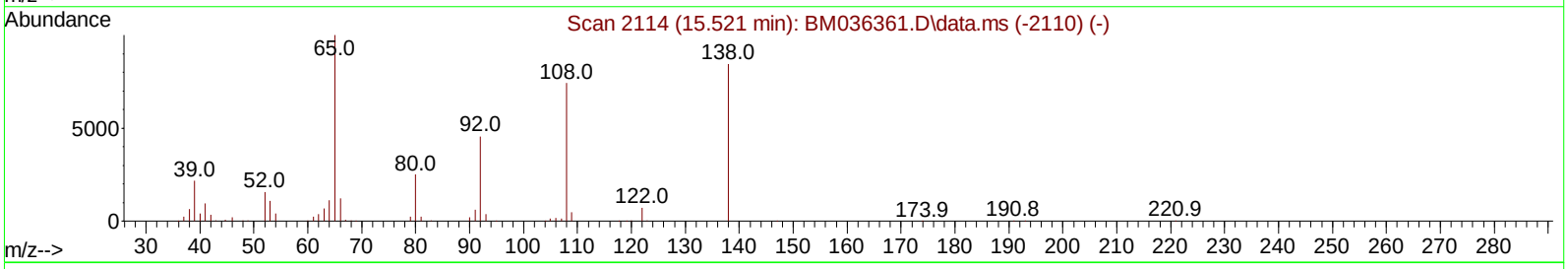

TIC: BM036396.D\data.ms

(63) 4-Nitroaniline

15.527min (+ 0.006) 37.35 ng/ul

response 335241

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	51.54
108.00	64.50	79.98#
0.00	0.00	0.00

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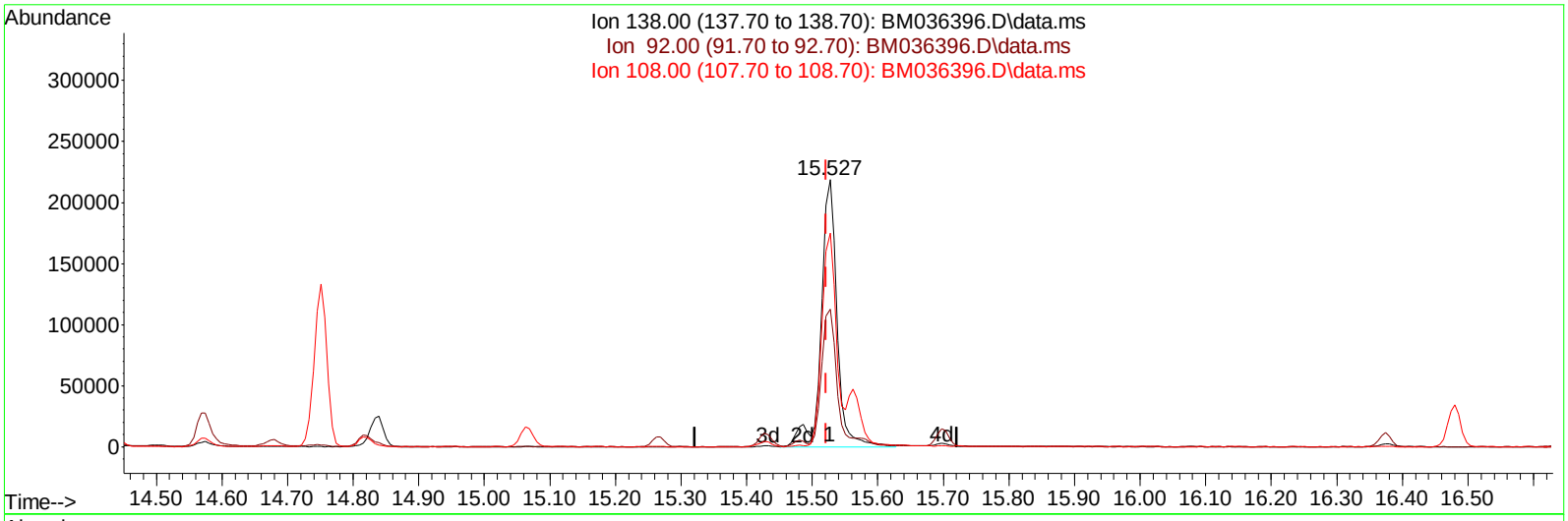

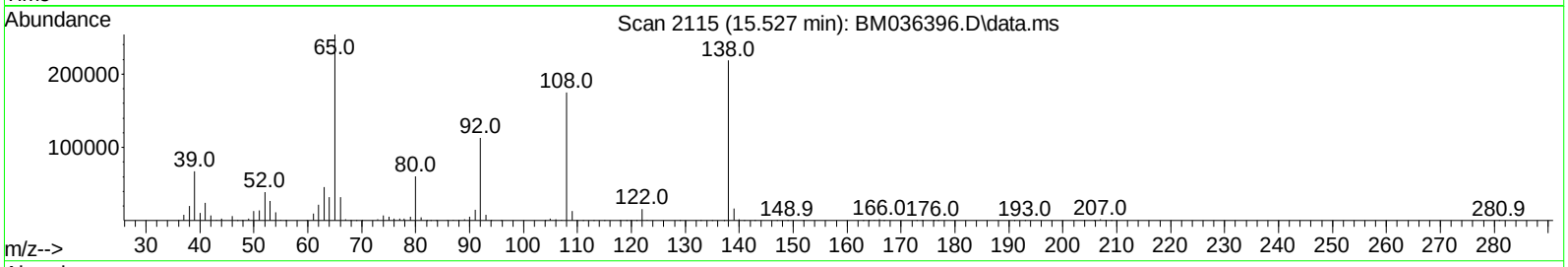

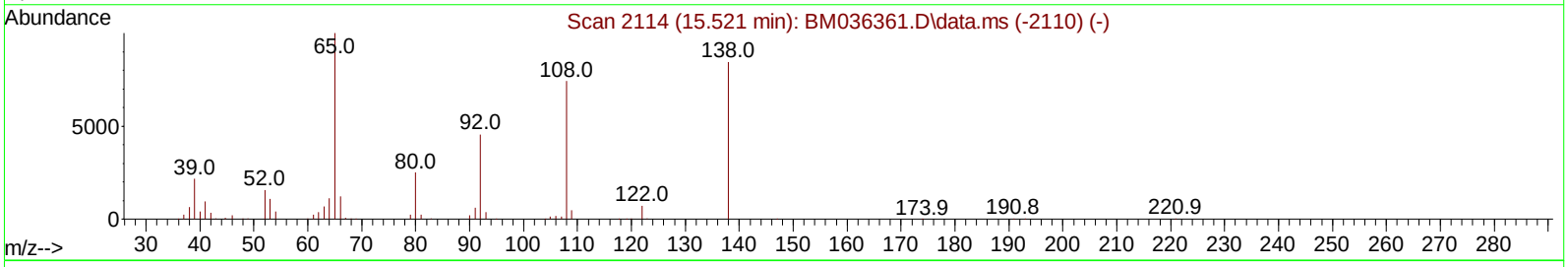

TIC: BM036396.D\data.ms

(63) 4-Nitroaniline

15.527min (+ 0.006) 40.79 ng/ul m

response 366111

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	51.54
108.00	64.50	79.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Supervised By :Sohil Jodhani 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	250506	20.000	ng/ul	0.00
20) Naphthalene-d8	10.592	136	1162762	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	716107	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	1298071	20.000	ng/ul	0.00
79) Chrysene-d12	21.362	240	923541	20.000	ng/ul	0.00
88) Perylene-d12	23.691	264	857476	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	38263	5.821	ng/uL	0.00
4) Pyridine-d5	3.628	84	541023	29.847	ng/ul	0.00
7) Phenol-d5	6.969	99	769501	35.987	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	486711	36.161	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	587984	34.998	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	600899	37.637	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	301923	34.248	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	311045	34.783	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	573746	35.908	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	828645	33.453	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	1619235	35.741	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1960492	34.696	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	271179	31.590	ng/ul	0.00
60) Fluorene-d10	15.427	176	1434275	35.035	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	222219	33.298	ng/ul	0.00
73) Anthracene-d10	17.280	188	1975619	34.228	ng/ul	0.00
81) Pyrene-d10	19.574	212	1852512	38.668	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.538	264	1502108	35.729	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	82240	11.879	ng/uL	98
5) Pyridine	3.652	79	541622	28.925	ng/ul	92
6) Benzaldehyde	6.940	77	295675	33.663	ng/ul	90
8) Phenol	6.998	94	800145	35.991	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.228	93	631933	35.539	ng/ul	99
12) 2-Chlorophenol	7.357	128	616834	35.110	ng/ul	97
13) 2-Methylphenol	8.251	108	603890	36.850	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.334	45	936924	39.383	ng/ul	100
16) Acetophenone	8.628	105	977831	38.079	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.616	70	520471	40.722	ng/ul	98
18) 4-Methylphenol	8.581	108	661849	37.729	ng/ul	99
19) Hexachloroethane	8.863	117	251048	34.156	ng/ul	84
22) Nitrobenzene	9.004	77	741878	35.516	ng/ul	97
23) Isophorone	9.533	82	1425649	38.433	ng/ul	95
25) 2-Nitrophenol	9.716	139	345995	34.729	ng/ul	94
26) 2,4-Dimethylphenol	9.781	107	696557	34.961	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.016	93	880236	36.450	ng/ul	98
29) 2,4-Dichlorophenol	10.245	162	581755	35.587	ng/ul	98
30) Naphthalene	10.639	128	2072923	33.967	ng/ul	99
32) 4-Chloroaniline	10.769	127	562451	22.324	ng/ul	99
33) Hexachlorobutadiene	10.916	225	326907	31.831	ng/ul	98
34) Caprolactam	11.569	113	182334m	37.226	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	640356	38.742	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	12.257	142	1395311	36.441	ng/ul	99
37)	1-Methylnaphthalene	12.480	142	1402012	36.357	ng/ul#	99
39)	1,2,4,5-Tetrachloroben...	12.627	216	648385	32.758	ng/ul	98
40)	Hexachlorocyclopentadiene	12.598	237	275202	23.437	ng/ul	98
41)	2,4,6-Trichlorophenol	12.874	196	421528	33.844	ng/ul	99
42)	2,4,5-Trichlorophenol	12.951	196	454491	34.402	ng/ul	99
43)	1,1'-Biphenyl	13.274	154	1839260	34.150	ng/ul	99
44)	2-Chloronaphthalene	13.316	162	1365327	33.036	ng/ul	98
45)	2-Nitroaniline	13.533	65	426817	38.138	ng/ul	93
47)	Dimethylphthalate	13.904	163	1668889	35.787	ng/ul	99
48)	2,6-Dinitrotoluene	14.033	165	331156	37.637	ng/ul#	87
50)	Acenaphthylene	14.163	152	2311384	34.688	ng/ul	100
51)	3-Nitroaniline	14.363	138	359426	37.353	ng/ul	99
52)	Acenaphthene	14.498	153	1508684	34.737	ng/ul	99
53)	2,4-Dinitrophenol	14.574	184	152774	31.860	ng/ul	94
55)	4-Nitrophenol	14.680	109	221337	32.633	ng/ul	83
56)	Dibenzofuran	14.839	168	2074038	34.416	ng/ul	98
57)	2,4-Dinitrotoluene	14.821	165	460713	36.921	ng/ul#	85
58)	2,3,4,6-Tetrachlorophenol	15.068	232	342521	34.147	ng/ul#	92
59)	Diethylphthalate	15.268	149	1730158	37.637	ng/ul	99
61)	Fluorene	15.486	166	1710660	35.789	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.480	204	799606	35.811	ng/ul	98
63)	4-Nitroaniline	15.527	138	366111m	40.787	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.580	198	225103	33.362	ng/ul	92
67)	N-Nitrosodiphenylamine	15.698	169	1391858	37.506	ng/ul	98
68)	4-Bromophenyl-phenylether	16.374	248	444420	36.975	ng/ul	97
69)	Hexachlorobenzene	16.480	284	499909	34.320	ng/ul	94
70)	Atrazine	16.657	200	119949	9.460	ng/ul	97
71)	Pentachlorophenol	16.833	266	253677	31.590	ng/ul	99
72)	Phenanthrene	17.221	178	2407283	35.276	ng/ul	98
74)	Anthracene	17.315	178	2398206	35.054	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.233	216	644207	33.075	ng/uL	97
76)	Pentachlorobenzene	14.751	250	622896	34.251	ng/uL	100
77)	Carbazole	17.592	167	2082515	32.511	ng/ul	99
78)	Di-n-butylphthalate	18.151	149	2685900	38.336	ng/ul	99
80)	Fluoranthene	19.239	202	2359133	40.746	ng/ul	99
82)	Pyrene	19.603	202	2370613	39.236	ng/ul	99
83)	Butylbenzylphthalate	20.503	149	923830	40.871	ng/ul	89
84)	3,3'-Dichlorobenzidine	21.286	252	637494	33.521	ng/ul	97
85)	Benzo(a)anthracene	21.344	228	1930668	34.787	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.280	149	1306450	41.862	ng/ul	97
87)	Chrysene	21.403	228	1865934	34.217	ng/ul	99
89)	Di-n-octyl phthalate	22.180	149	1995818	39.154	ng/ul	100
90)	Benzo(b)fluoranthene	22.980	252	1863944	35.654	ng/ul	99
91)	Benzo(k)fluoranthene	23.027	252	1788835	35.965	ng/ul	99
93)	Benzo(a)pyrene	23.586	252	1832532	35.631	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.103	276	2061812	34.097	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.115	278	1773479	34.046	ng/ul	99
96)	Benzo(g,h,i)perylene	26.844	276	1729950	33.454	ng/ul	99

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

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