Quantitation Report (Qedit)

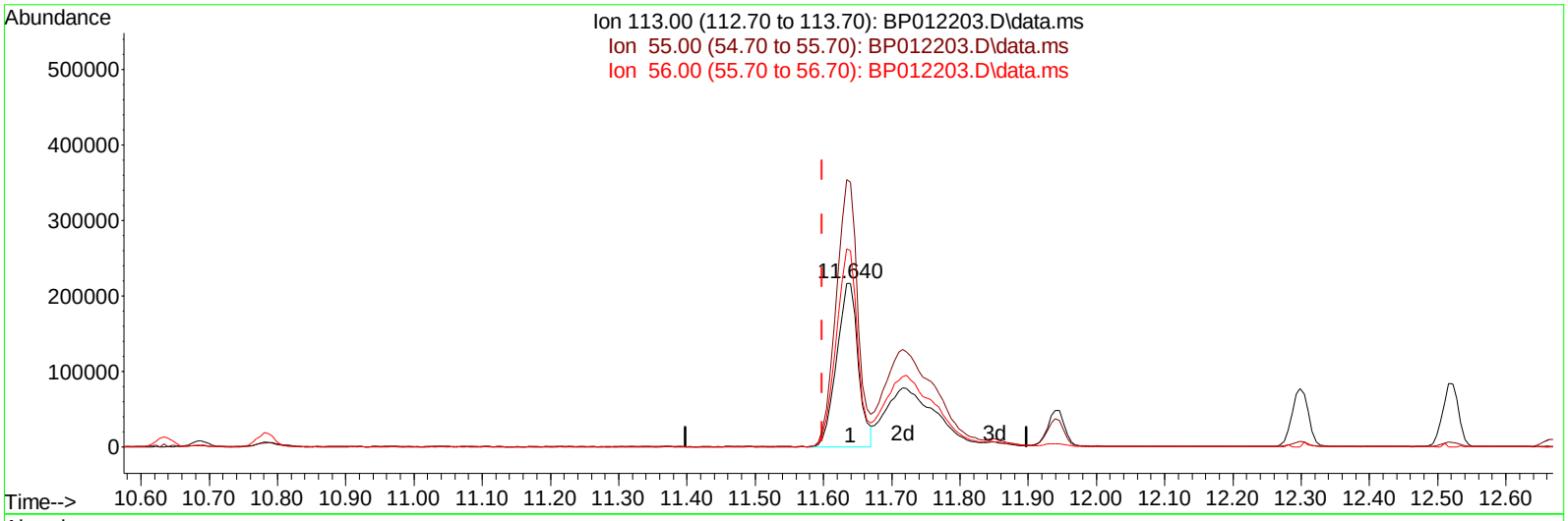
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101922\
Data File : BP012203.D
Acq On : 19 Oct 2022 13:57
Operator : CG/JU
Sample : SSTD08084
Misc :
ALS Vial : 6 Sample Multiplier: 1

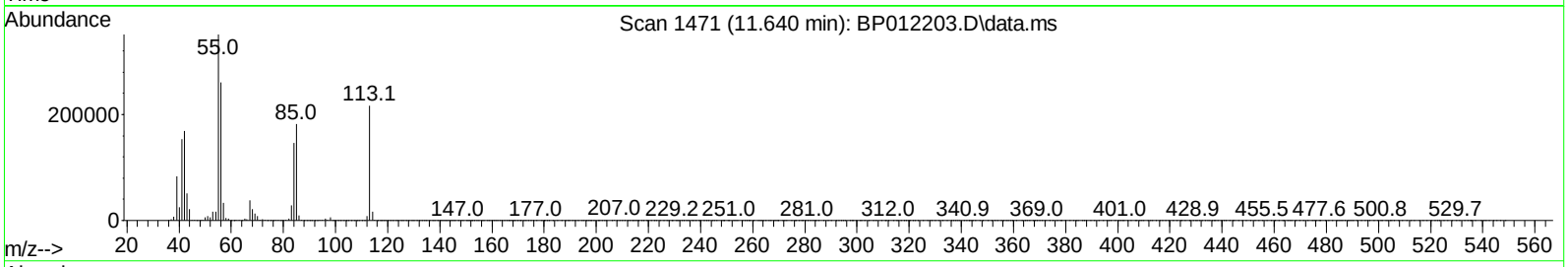
Quant Time: Oct 20 06:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 20 00:51:41 2022
Response via : Initial Calibration

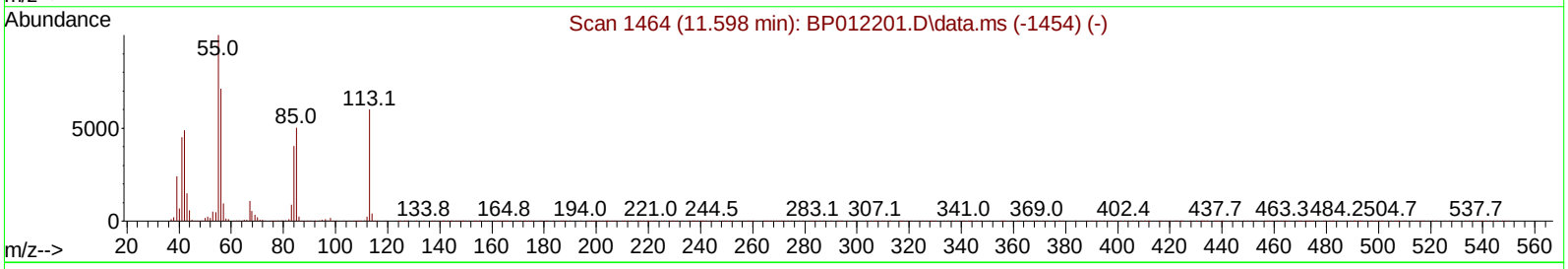
Instrument :
BNA_P
ClientSampleId :
SSTD080649

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022







TIC: BP012203.D\data.ms

(34) Caprolactam

11.640min (+ 0.041) 46.59 ng/ul

response 471321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	161.92
56.00	119.30	119.98
0.00	0.00	0.00

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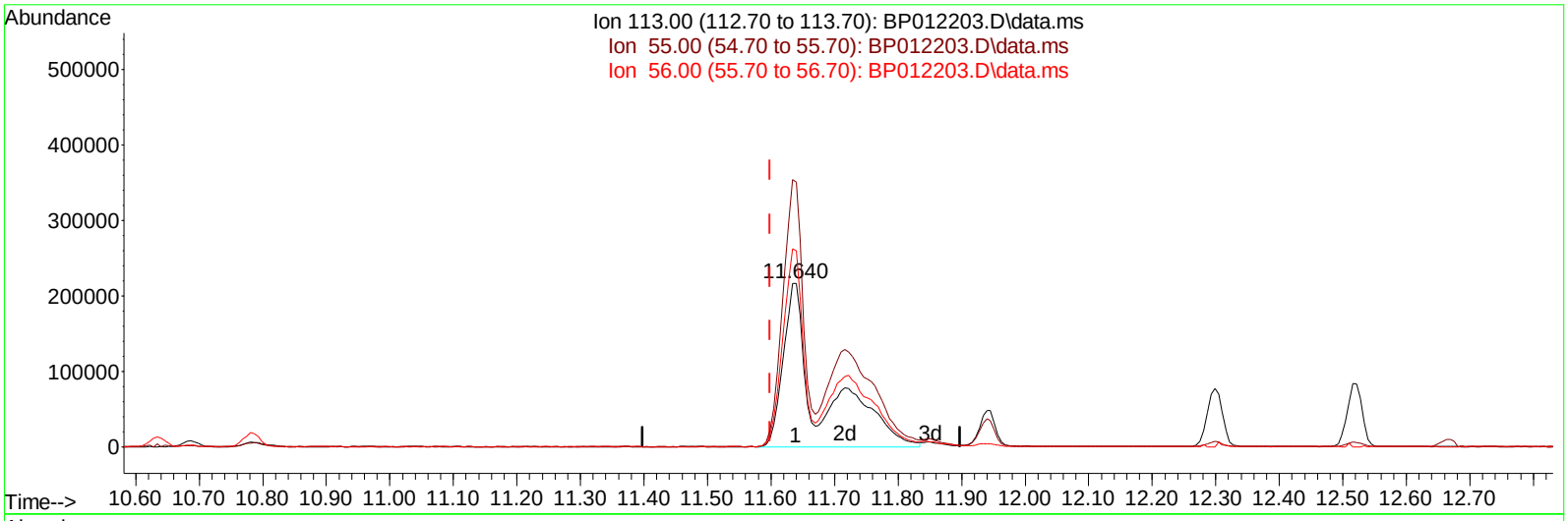

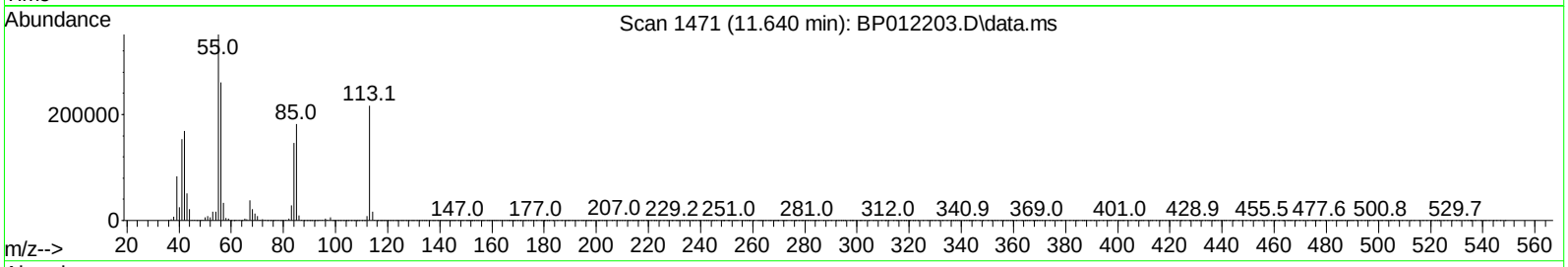

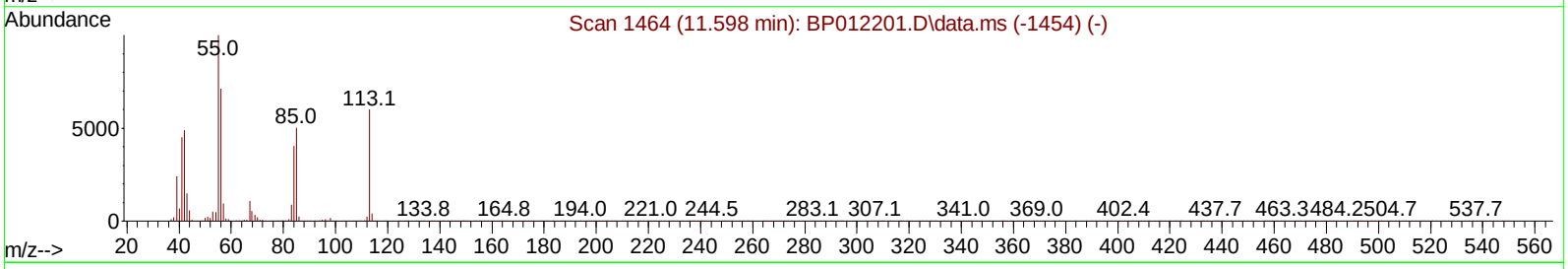

TIC: BP012203.D\data.ms

(34) Caprolactam

11.640min (+ 0.041) 102.25 ng/ul m

response 871253

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	161.92
56.00	119.30	119.98
0.00	0.00	0.00

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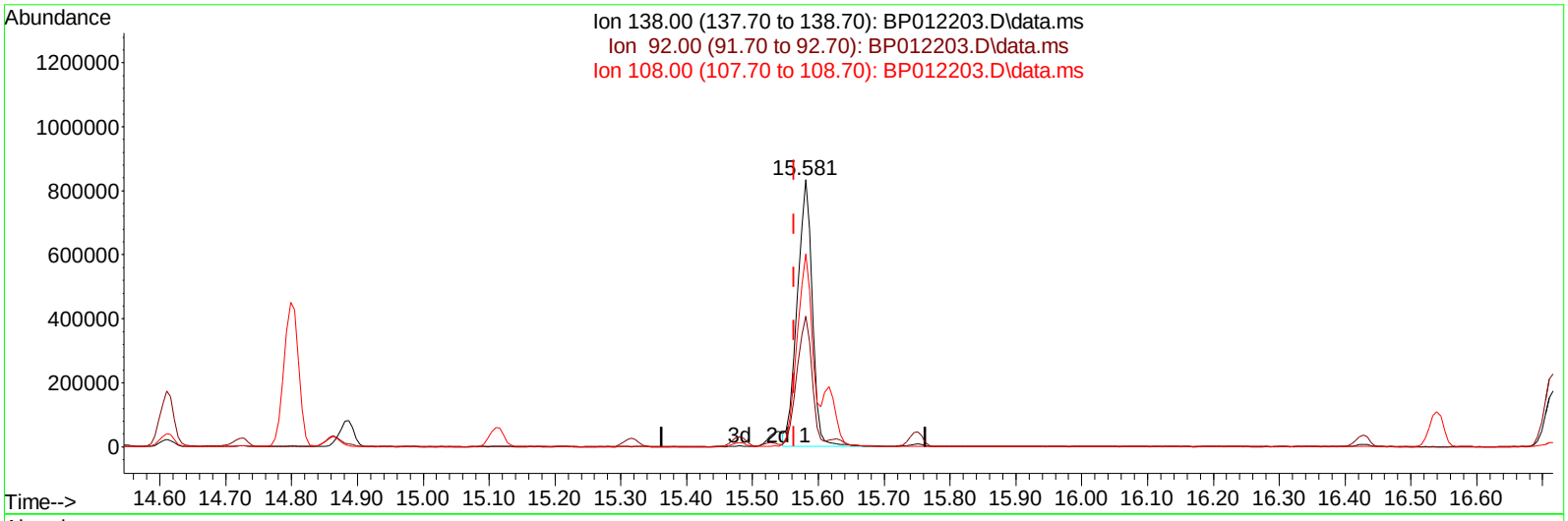

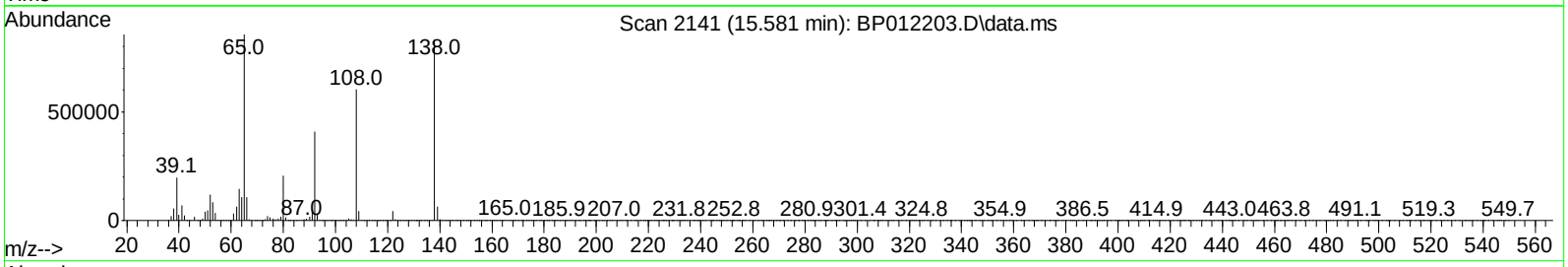

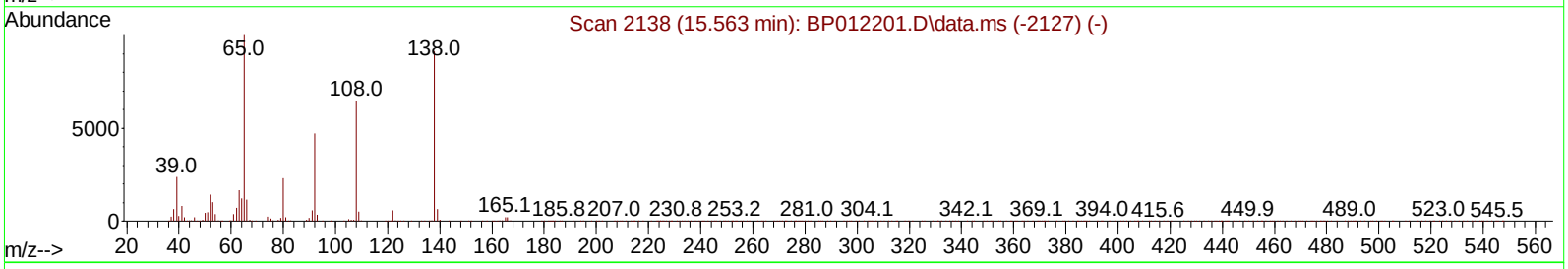

TIC: BP012203.D\data.ms

(63) 4-Nitroaniline

15.581min (+ 0.018) 75.05 ng/ul

response 1326480

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	49.00
108.00	71.30	72.20
0.00	0.00	0.00

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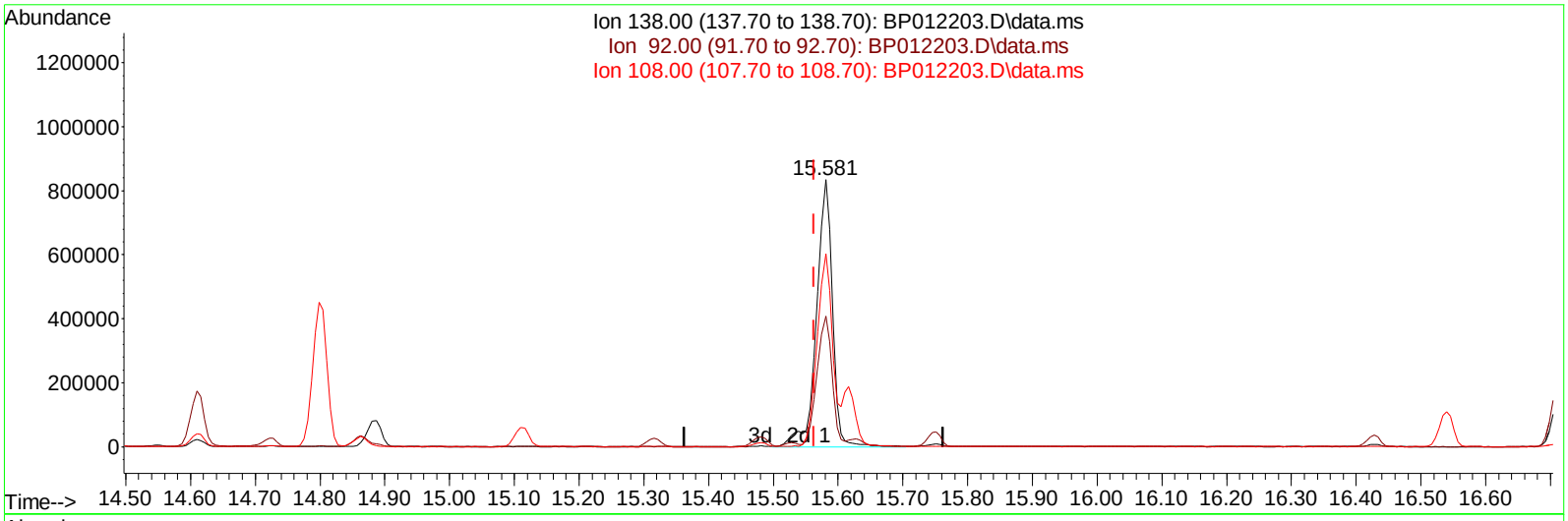

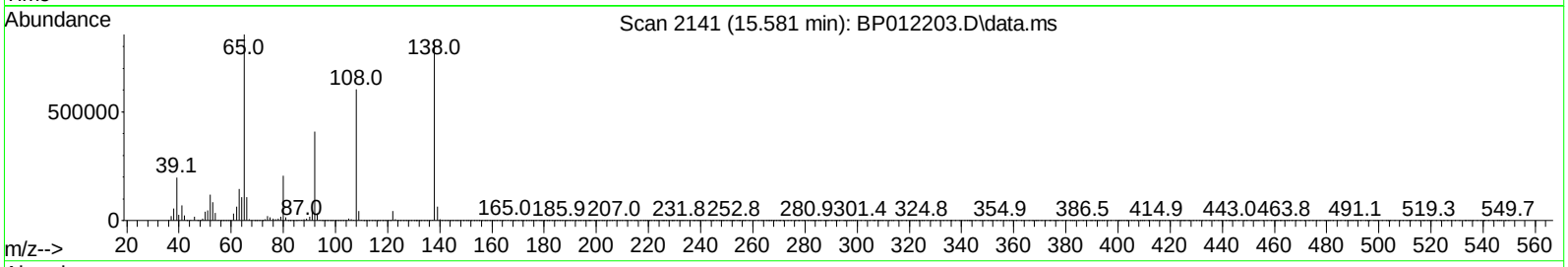

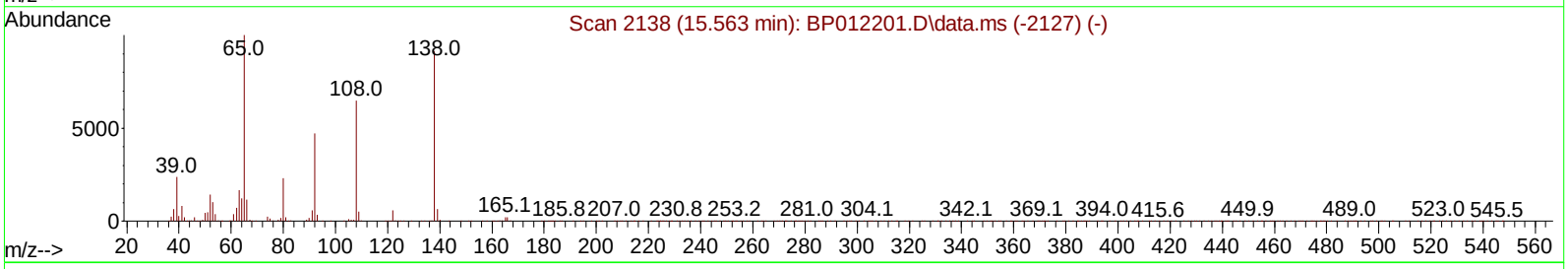

TIC: BP012203.D\data.ms

(63) 4-Nitroaniline

15.581min (+ 0.018) 94.16 ng/ul m

response 1407246

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.00	49.00
108.00	71.30	72.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	485008	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	2102028	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1278938	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2533923	20.000	ng/ul	0.00
79) Chrysene-d12	21.339	240	1788472	20.000	ng/ul	0.00
88) Perylene-d12	23.745	264	1661589	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	377872	29.906	ng/uL	0.00
4) Pyridine-d5	3.681	84	2822148	81.777	ng/ul	0.00
7) Phenol-d5	7.005	99	3447975	83.791	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	1993950	79.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	2630870	84.971	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	2654484	85.675	ng/ul	0.01
21) Nitrobenzene-d5	9.005	128	1336288	91.523	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	1502347	99.307	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	2585626	86.396	ng/ul	0.00
31) 4-Chloroaniline-d4	10.787	131	3545969	83.199	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	6873622	82.733	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	7852460	79.769	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	1398184	92.362	ng/ul	0.02
60) Fluorene-d10	15.481	176	5522214	74.901	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	1248828	92.135	ng/ul	0.01
73) Anthracene-d10	17.345	188	8133133	74.138	ng/ul	0.00
81) Pyrene-d10	19.580	212	8365457	90.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.592	264	6657879	82.161	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	405907	29.843	ng/uL	98
5) Pyridine	3.699	79	2742519	80.035	ng/ul	96
6) Benzaldehyde	6.975	77	1449586	75.012	ng/ul	97
8) Phenol	7.034	94	3544873	82.608	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.263	93	2797617	80.738	ng/ul	99
12) 2-Chlorophenol	7.393	128	2788075	83.209	ng/ul	99
13) 2-Methylphenol	8.281	108	2694290	84.430	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.369	45	3664401	79.377	ng/ul	99
16) Acetophenone	8.669	105	3868980	80.237	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.669	70	1944167	83.889	ng/ul	97
18) 4-Methylphenol	8.622	108	2893471	84.249	ng/ul	97
19) Hexachloroethane	8.905	117	1100020	82.102	ng/ul	99
22) Nitrobenzene	9.046	77	3046907	82.865	ng/ul	97
23) Isophorone	9.587	82	5959271	88.460	ng/ul	99
25) 2-Nitrophenol	9.757	139	1625485	92.826	ng/ul	98
26) 2,4-Dimethylphenol	9.816	107	2971367	81.731	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.057	93	3687986	80.695	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	2602510	83.632	ng/ul	98
30) Naphthalene	10.687	128	8366154	75.155	ng/ul	99
32) 4-Chloroaniline	10.810	127	3608716	81.908	ng/ul	98
33) Hexachlorobutadiene	10.963	225	1608560	80.013	ng/ul	99
34) Caprolactam	11.640	113	871253m	102.253	ng/ul	
35) 4-Chloro-3-methylphenol	11.940	107	2830964	89.770	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	12.298	142	5724511	79.057	ng/ul	99
37) 1-Methylnaphthalene	12.522	142	5624970	77.941	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.669	216	3033363	76.741	ng/ul	99
40) Hexachlorocyclopentadiene	12.640	237	1762189	85.507	ng/ul	97
41) 2,4,6-Trichlorophenol	12.916	196	2096094	85.846	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	2266294	87.507	ng/ul	100
43) 1,1'-Biphenyl	13.316	154	7028764	73.010	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	5665029	74.009	ng/ul	98
45) 2-Nitroaniline	13.575	65	1761736	98.780	ng/ul	98
47) Dimethylphthalate	13.951	163	7016385	80.226	ng/ul	99
48) 2,6-Dinitrotoluene	14.075	165	1588010	104.729	ng/ul	99
50) Acenaphthylene	14.204	152	8364353	75.016	ng/ul	98
51) 3-Nitroaniline	14.404	138	1566003	92.227	ng/ul	96
52) Acenaphthene	14.551	153	5842710	73.228	ng/ul	99
53) 2,4-Dinitrophenol	14.610	184	1035804	104.093	ng/ul	97
55) 4-Nitrophenol	14.728	109	1014052	89.580	ng/ul	96
56) Dibenzofuran	14.887	168	7686253	70.914	ng/ul	97
57) 2,4-Dinitrotoluene	14.863	165	2129011	97.511	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.110	232	1863846	88.517	ng/ul	97
59) Diethylphthalate	15.316	149	6942007	83.530	ng/ul	100
61) Fluorene	15.539	166	5622477	66.042	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	2890229	69.554	ng/ul	97
63) 4-Nitroaniline	15.581	138	1407246m	94.157	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.634	198	1292257	88.300	ng/ul#	97
67) N-Nitrosodiphenylamine	15.751	169	5404312	73.107	ng/ul	100
68) 4-Bromophenyl-phenylether	16.428	248	2155528	83.559	ng/ul	98
69) Hexachlorobenzene	16.539	284	2486710	80.825	ng/ul	99
70) Atrazine	16.716	200	2014913	83.913	ng/ul	99
71) Pentachlorophenol	16.892	266	1606329	88.239	ng/ul	99
72) Phenanthrene	17.286	178	9522089	69.260	ng/ul	99
74) Anthracene	17.381	178	9237100	68.254	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.275	216	3070442	75.245	ng/uL	99
76) Pentachlorobenzene	14.804	250	3108133	75.535	ng/uL	99
77) Carbazole	17.657	167	8769513	73.694	ng/ul	98
78) Di-n-butylphthalate	18.198	149	10749075	82.923	ng/ul	98
80) Fluoranthene	19.257	202	10331001	90.208	ng/ul	97
82) Pyrene	19.610	202	9893692	82.209	ng/ul	96
83) Butylbenzylphthalate	20.480	149	4496676	106.560	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.257	252	2968326	75.103	ng/ul	99
85) Benzo(a)anthracene	21.322	228	8721942	77.141	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.239	149	5932715	99.417	ng/ul#	98
87) Chrysene	21.374	228	8117742	74.898	ng/ul	98
89) Di-n-octyl phthalate	22.163	149	9565076	101.065	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	8327182	79.099	ng/ul	99
91) Benzo(k)fluoranthene	23.063	252	8164803	78.287	ng/ul	99
93) Benzo(a)pyrene	23.645	252	7314021	78.602	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.257	276	9170060	78.029	ng/ul	99
95) Dibenzo(a,h)anthracene	26.280	278	8121602	76.548	ng/ul	99
96) Benzo(g,h,i)perylene	27.033	276	8309074	78.175	ng/ul	98

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

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