Quantitation Report (Qedit)

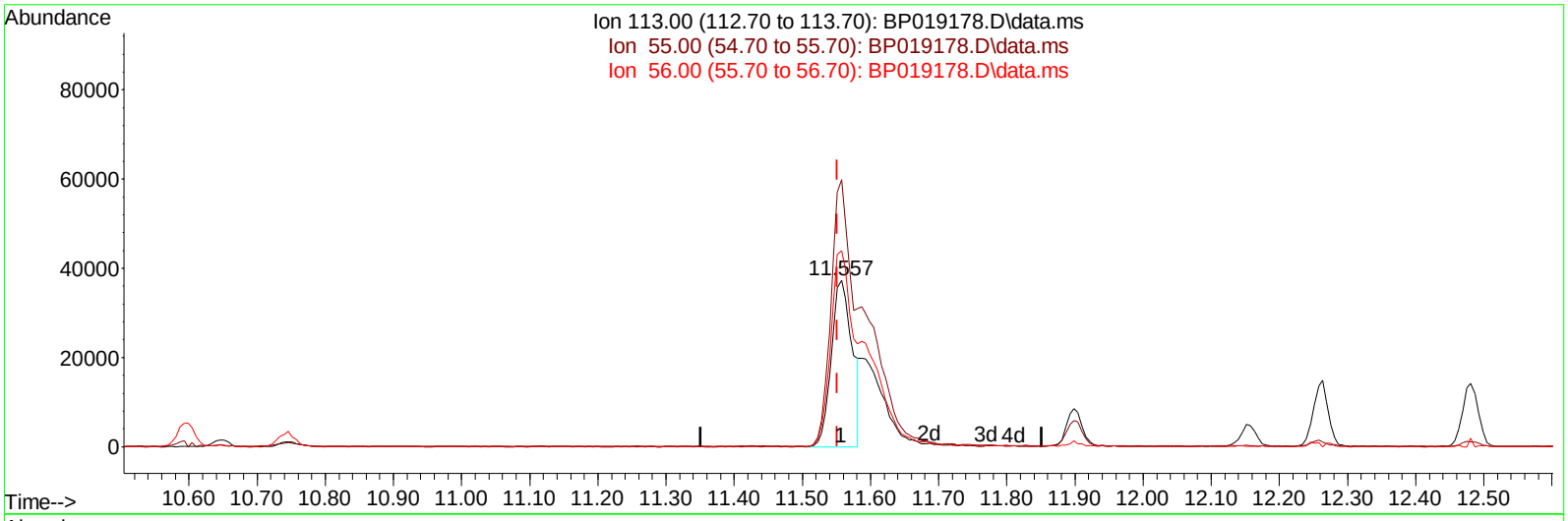
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
Data File : BP019178.D
Acq On : 29 Dec 2023 22:05
Operator : MA/JU
Sample : PB158078BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

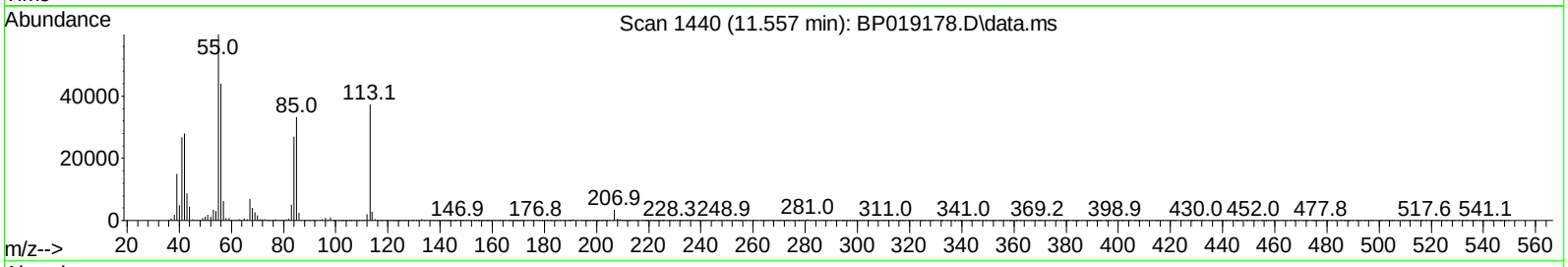
Quant Time: Dec 30 00:30:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 03:48:11 2023
Response via : Initial Calibration

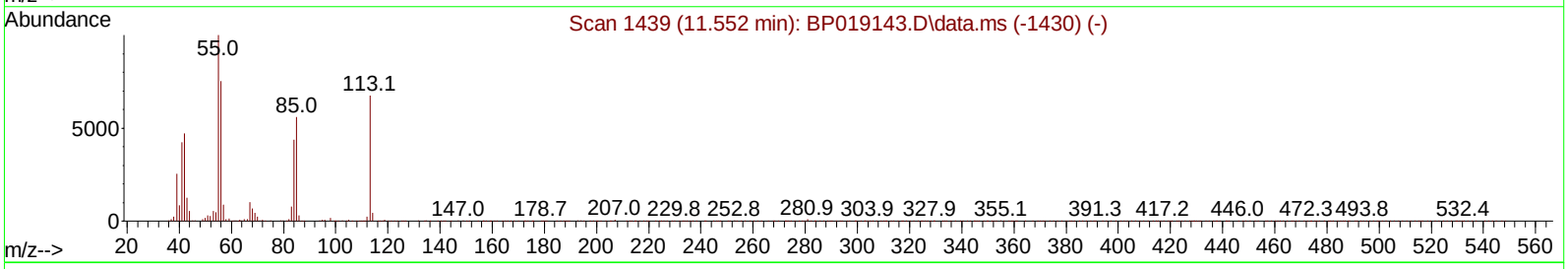
Instrument :
BNA_P
ClientSampleId :
SLCS078

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024







TIC: BP019178.D\data.ms

(34) Caprolactam

11.557min (+ 0.006) 19.00 ng/ul

response 79513

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.30	160.31
56.00	116.20	117.70
0.00	0.00	0.00

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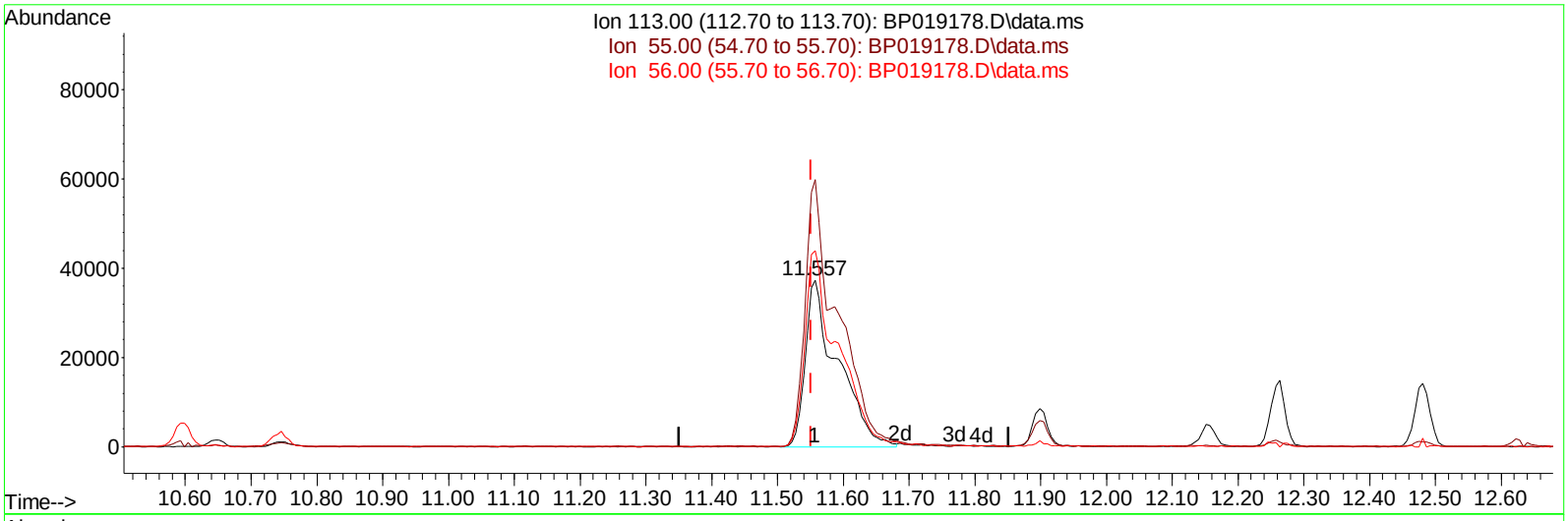

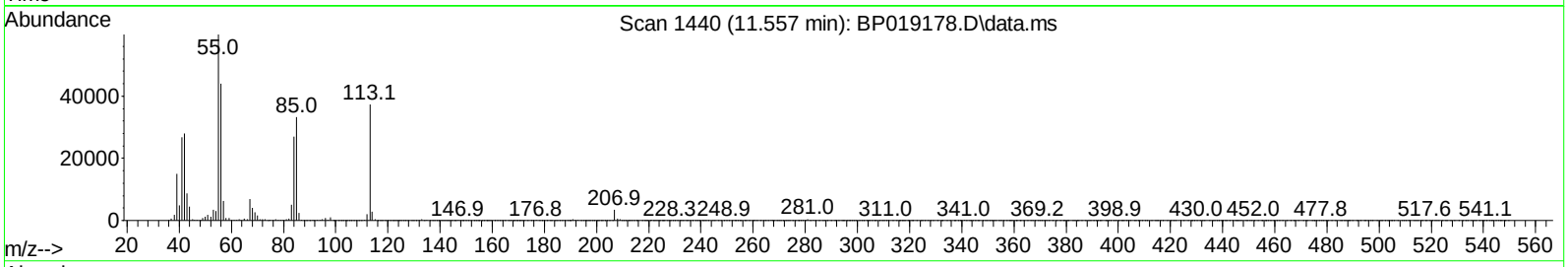

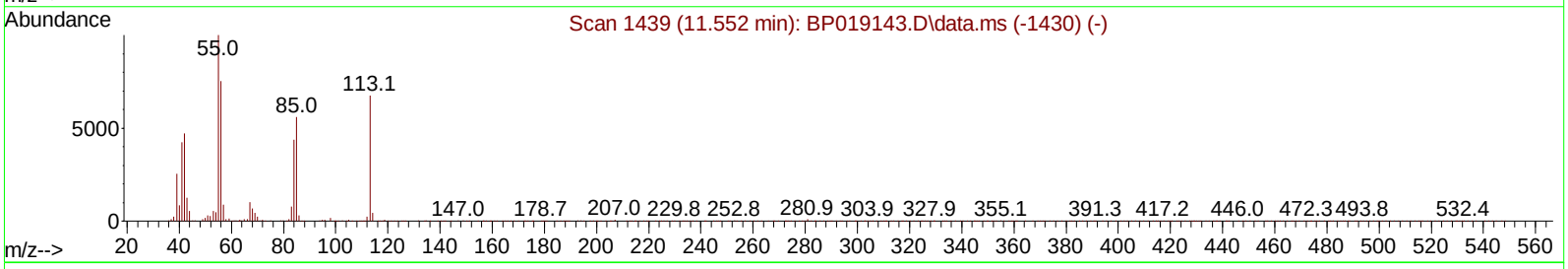

TIC: BP019178.D\data.ms

(34) Caprolactam

11.557min (+ 0.006) 30.52 ng/ul m

response 127759

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.30	160.31
56.00	116.20	117.70
0.00	0.00	0.00

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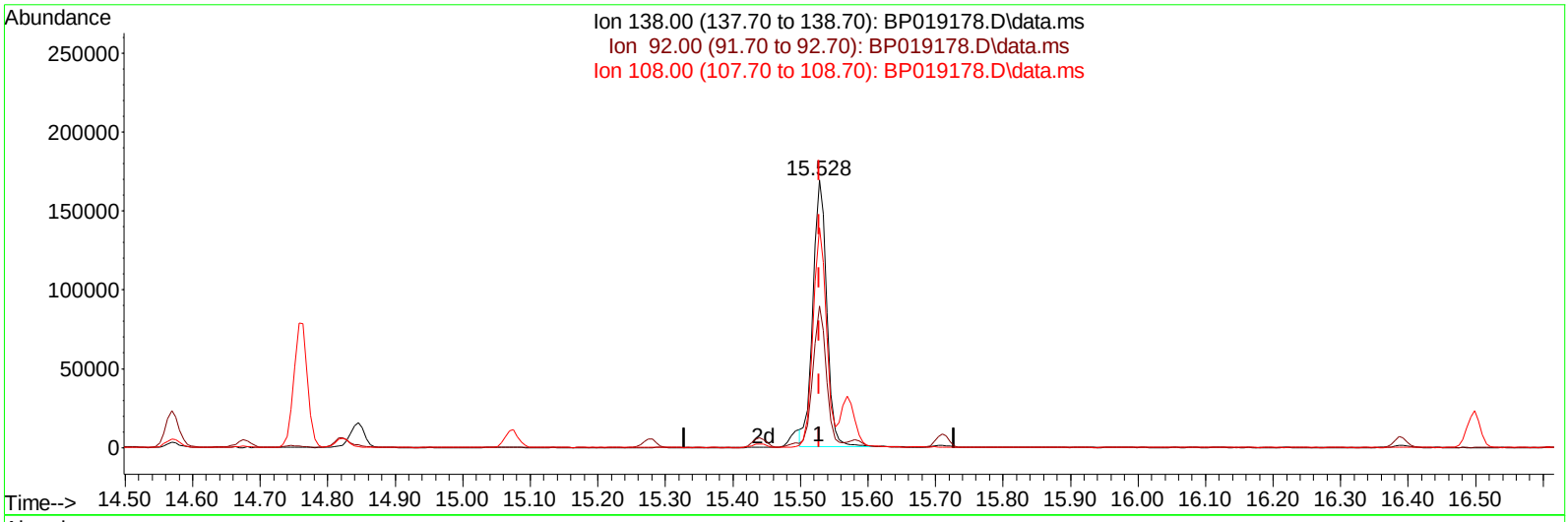

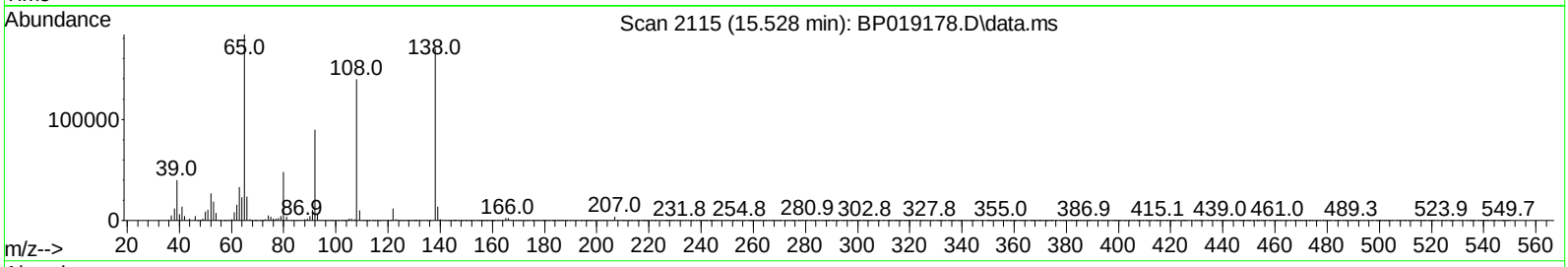

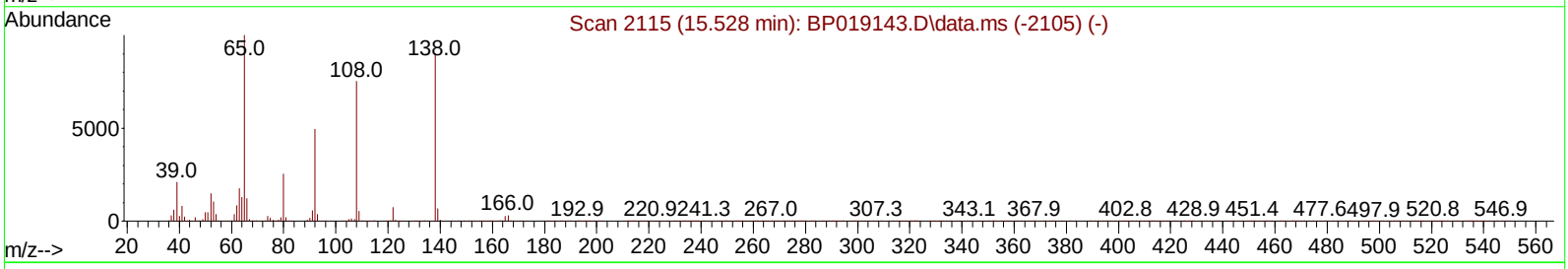

TIC: BP019178.D\data.ms

(63) 4-Nitroaniline

15.528min (+ 0.000) 28.09 ng/ul

response 241648

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	53.06
108.00	82.80	82.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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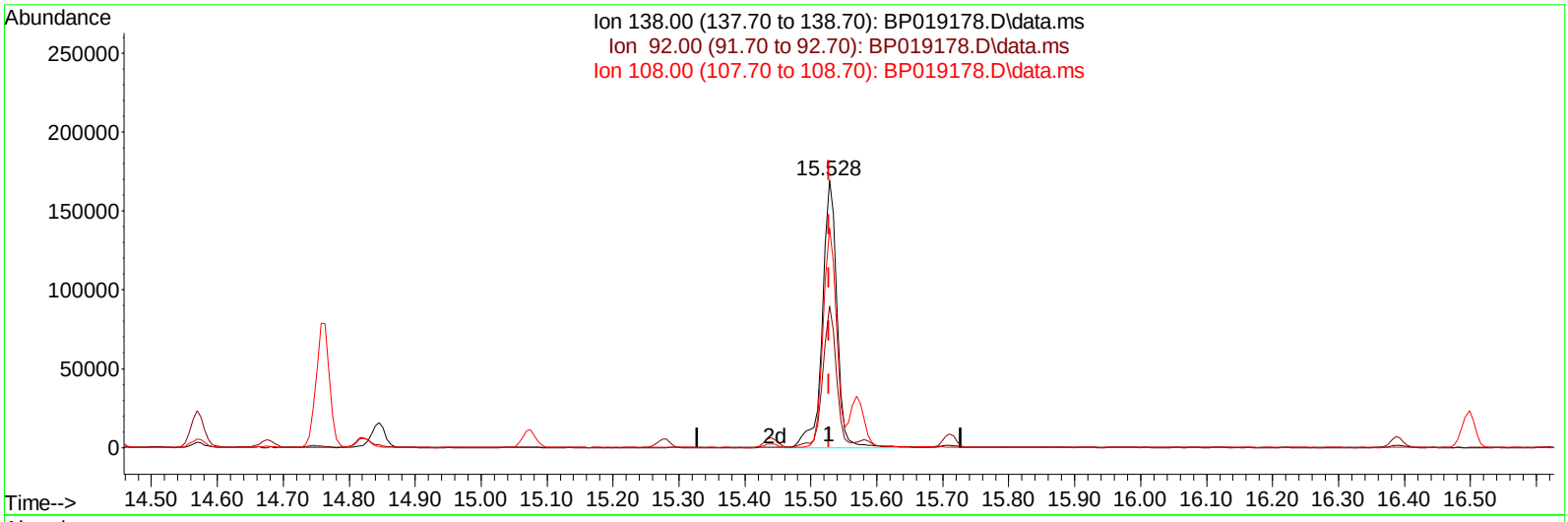

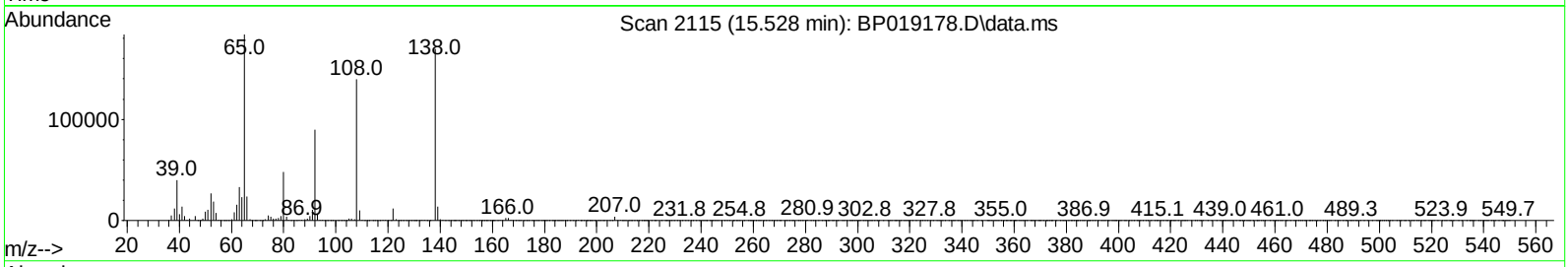

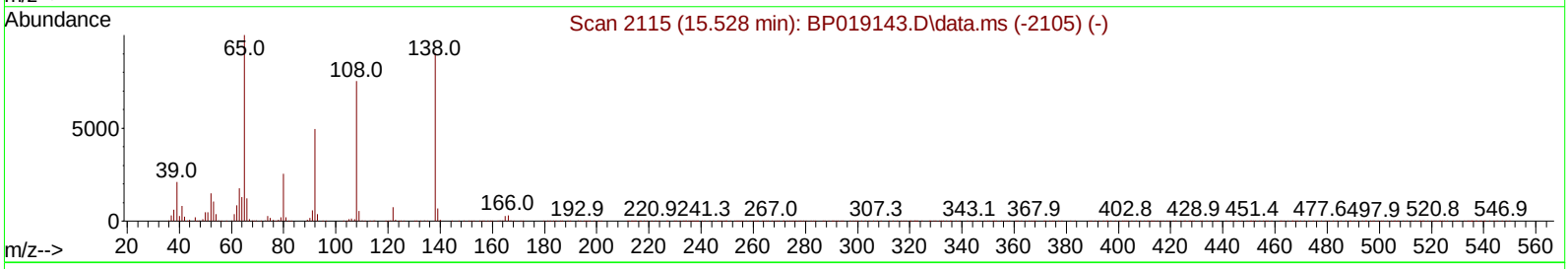

TIC: BP019178.D\data.ms

(63) 4-Nitroaniline

15.528min (+ 0.000) 30.21 ng/ul m

response 259853

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	52.80	53.06
108.00	82.80	82.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 56 Sample Multiplier: 1

Quant Time: Dec 30 00:32:15 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/01/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	223020	20.000	ng/ul	0.00
20) Naphthalene-d8	10.599	136	859551	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.446	164	545871	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1275589	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1341359	20.000	ng/ul	0.00
88) Perylene-d12	23.669	264	1583353	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	33360	5.109	ng/uL	0.00
4) Pyridine-d5	3.652	84	433236	26.433	ng/ul	0.00
7) Phenol-d5	6.975	99	523467	26.173	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	310739	26.857	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	416802	25.851	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	410780	26.381	ng/ul	0.00
21) Nitrobenzene-d5	8.963	128	196997	26.513	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	215658	26.856	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	443333	27.340	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	528081	26.476	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1249668	25.918	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	1406576	26.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	227095	27.892	ng/ul	0.00
60) Fluorene-d10	15.440	176	1090098	26.170	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	222895	26.655	ng/ul	0.00
73) Anthracene-d10	17.298	188	1711774	25.696	ng/ul	0.00
81) Pyrene-d10	19.545	212	2188581	26.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.516	264	2446094	26.877	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	70059	9.758	ng/uL	98
5) Pyridine	3.670	79	446850	26.859	ng/ul	94
6) Benzaldehyde	6.946	77	280902	30.250	ng/ul	97
8) Phenol	7.005	94	546011	27.640	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	443766	27.764	ng/ul	97
12) 2-Chlorophenol	7.364	128	435162	26.370	ng/ul	100
13) 2-Methylphenol	8.252	108	402327	27.531	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	516855	27.412	ng/ul	100
16) Acetophenone	8.628	105	648508	27.809	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.616	70	303670	26.114	ng/ul	98
18) 4-Methylphenol	8.581	108	434364	27.614	ng/ul	97
19) Hexachloroethane	8.869	117	184438	26.646	ng/ul	98
22) Nitrobenzene	9.005	77	482122	26.559	ng/ul	99
23) Isophorone	9.534	82	891152	27.224	ng/ul	99
25) 2-Nitrophenol	9.716	139	237252	27.671	ng/ul	98
26) 2,4-Dimethylphenol	9.781	107	401461	26.596	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.022	93	577341	26.685	ng/ul	98
29) 2,4-Dichlorophenol	10.252	162	429672	27.115	ng/ul	99
30) Naphthalene	10.646	128	1356954	26.184	ng/ul	100
32) 4-Chloroaniline	10.769	127	489912	25.598	ng/ul	99
33) Hexachlorobutadiene	10.928	225	323671	26.541	ng/ul	99
34) Caprolactam	11.557	113	127759m	30.524	ng/ul	
35) 4-Chloro-3-methylphenol	11.899	107	437843	28.148	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	12.263	142	938665	26.864	ng/ul	100
37) 1-Methylnaphthalene	12.481	142	926968	26.308	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	593310	26.391	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	319056	25.568	ng/ul	95
41) 2,4,6-Trichlorophenol	12.875	196	371251	27.670	ng/ul	99
42) 2,4,5-Trichlorophenol	12.946	196	407621	28.621	ng/ul	99
43) 1,1'-Biphenyl	13.281	154	1263595	26.536	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	1015935	26.589	ng/ul	100
45) 2-Nitroaniline	13.534	65	262501	28.618	ng/ul	97
47) Dimethylphthalate	13.910	163	1272084	26.728	ng/ul	100
48) 2,6-Dinitrotoluene	14.034	165	255067	29.165	ng/ul	97
50) Acenaphthylene	14.169	152	1596497	27.123	ng/ul	100
51) 3-Nitroaniline	14.363	138	239820	28.049	ng/ul	99
52) Acenaphthene	14.510	153	1049432	26.306	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	140946	25.015	ng/ul	95
55) 4-Nitrophenol	14.675	109	181463	27.888	ng/ul	94
56) Dibenzofuran	14.845	168	1491477	26.180	ng/ul	99
57) 2,4-Dinitrotoluene	14.822	165	379250	29.485	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	353662	28.422	ng/ul	98
59) Diethylphthalate	15.275	149	1258805	27.278	ng/ul	99
61) Fluorene	15.498	166	1201652	26.353	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.493	204	653614	26.248	ng/ul	99
63) 4-Nitroaniline	15.528	138	259853m	30.207	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.587	198	241389	27.263	ng/ul	97
67) N-Nitrosodiphenylamine	15.710	169	1056135	27.128	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	433895	27.367	ng/ul	99
69) Hexachlorobenzene	16.498	284	512955	26.474	ng/ul	98
70) Atrazine	16.675	200	388622	35.372	ng/ul	100
71) Pentachlorophenol	16.851	266	322533	28.353	ng/ul	98
72) Phenanthrene	17.245	178	2040040	26.390	ng/ul	99
74) Anthracene	17.334	178	2042800	26.544	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	592251	26.703	ng/uL	99
76) Pentachlorobenzene	14.763	250	574916	26.086	ng/uL	99
77) Carbazole	17.610	167	1849321	28.889	ng/ul	99
78) Di-n-butylphthalate	18.169	149	2206147	27.788	ng/ul	100
80) Fluoranthene	19.222	202	2594180	27.655	ng/ul	100
82) Pyrene	19.575	202	2683279	27.302	ng/ul	99
83) Butylbenzylphthalate	20.457	149	1024250	29.175	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.228	252	945315	28.172	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2894556	27.312	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	1518706	29.378	ng/ul	99
87) Chrysene	21.339	228	2688352	27.203	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2716880	30.006	ng/ul	100
90) Benzo(b)fluoranthene	22.945	252	3014596	27.106	ng/ul	100
91) Benzo(k)fluoranthene	22.992	252	3010655	27.549	ng/ul	99
93) Benzo(a)pyrene	23.563	252	2867026	27.389	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.127	276	3627694	27.034	ng/ul	99
95) Dibenzo(a,h)anthracene	26.139	278	3051162	27.333	ng/ul	99
96) Benzo(g,h,i)perylene	26.880	276	2924507	27.196	ng/ul	98

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

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