Quantitation Report (Qedit)

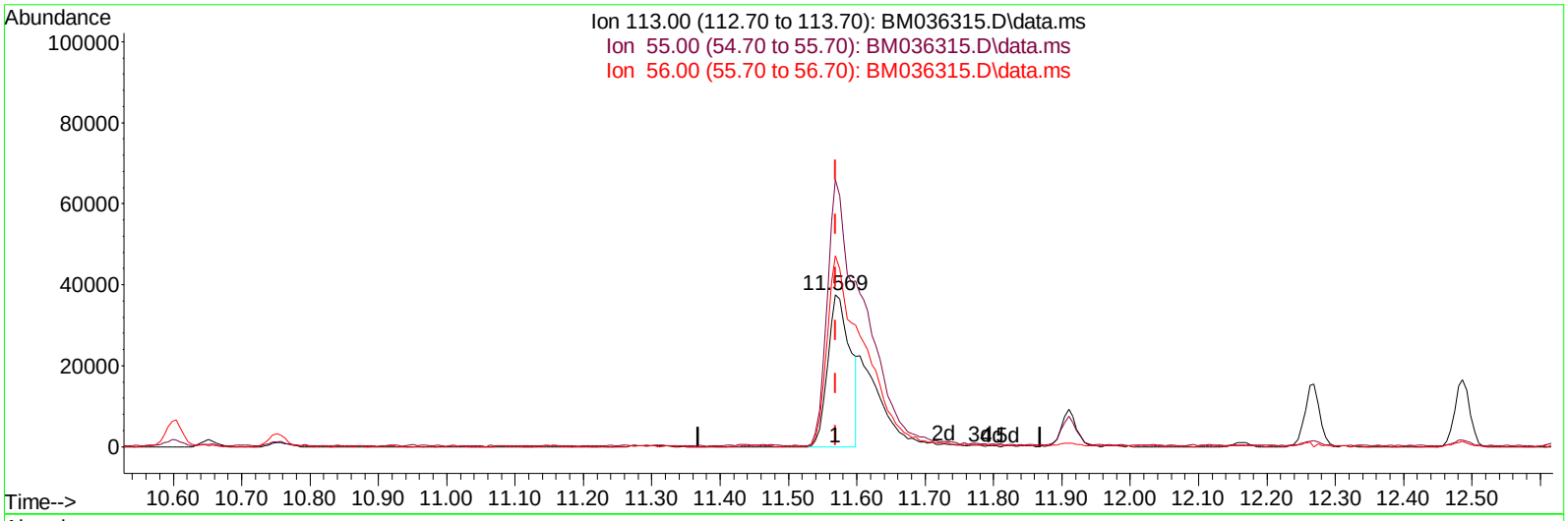
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081722\
Data File : BM036315.D
Acq On : 17 Aug 2022 14:18
Operator : CG/JU
Sample : N4173-09MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

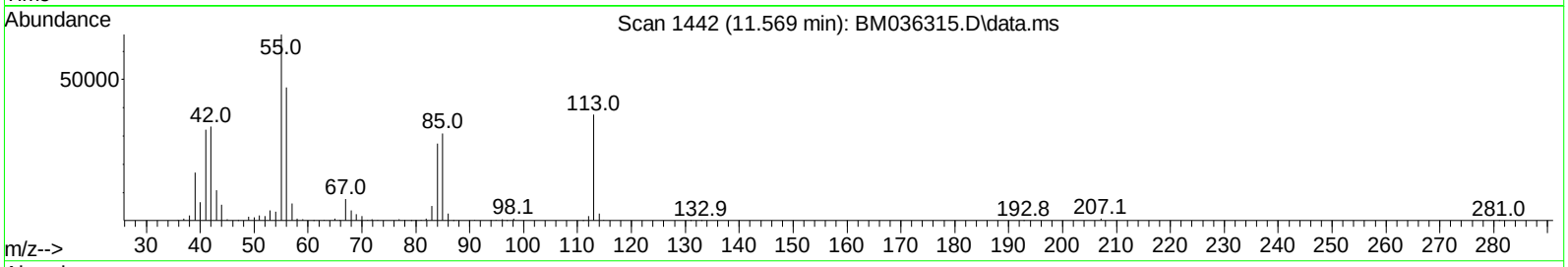
Quant Time: Aug 17 15:31:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 16 15:00:33 2022
Response via : Initial Calibration

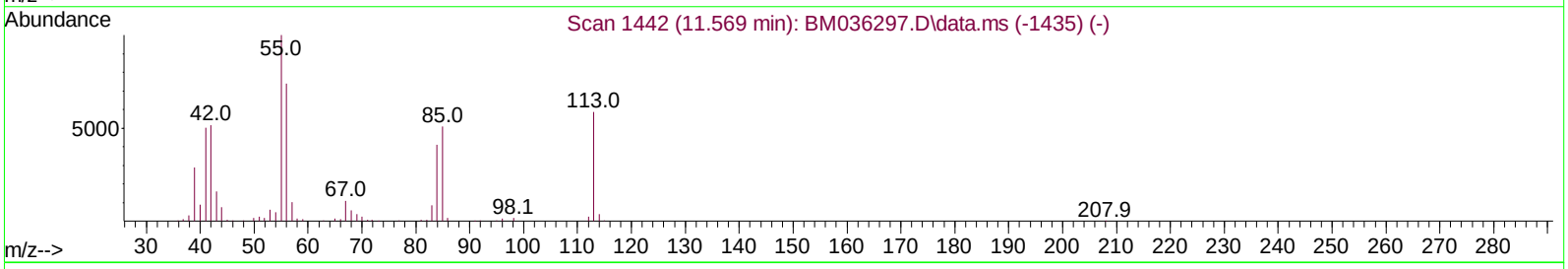
Instrument :
BNA_M
ClientSampleId :
EX7P4MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
Supervised By :Sohil Jodhani 08/19/2022







TIC: BM036315.D\data.ms

(34) Caprolactam

11.569min (+ 0.000) 20.54 ng/ul

response 86146

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	175.75
56.00	127.60	125.81
0.00	0.00	0.00

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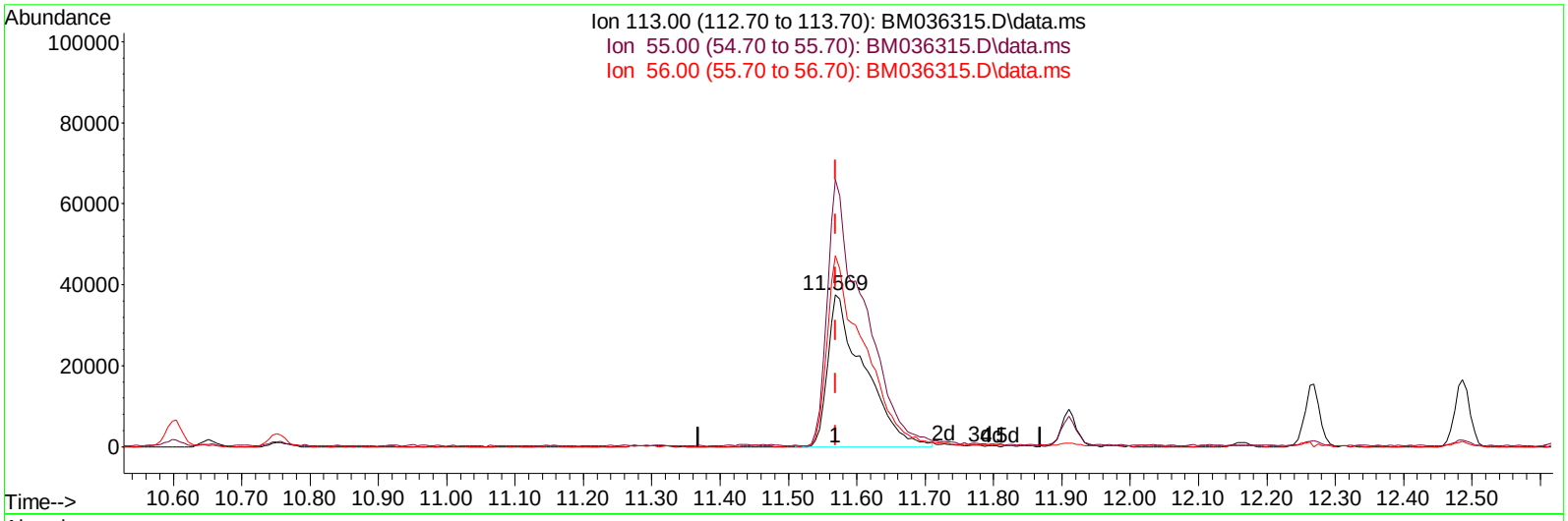

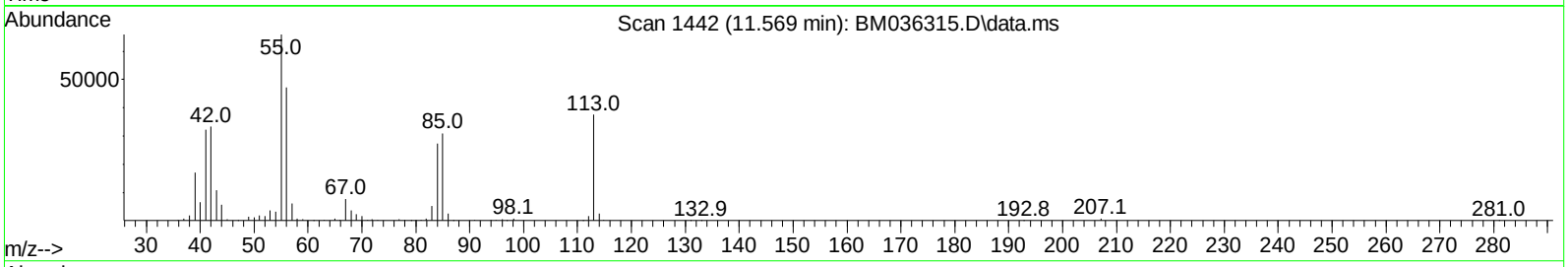

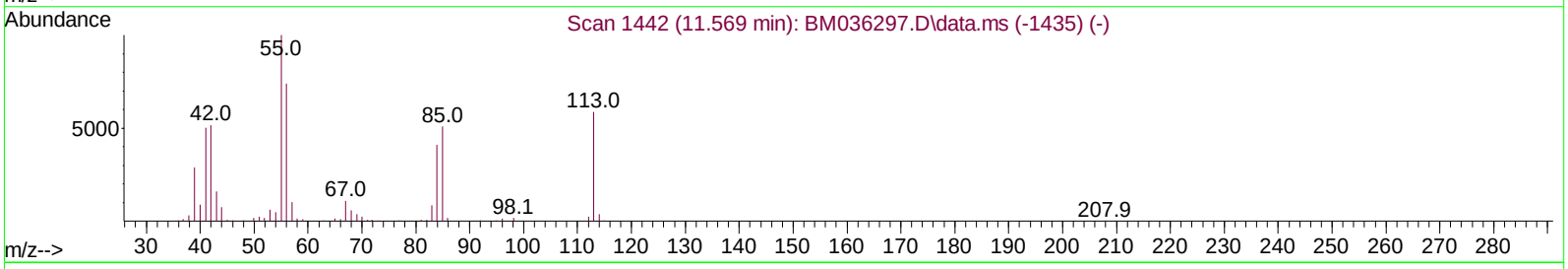

TIC: BM036315.D\data.ms

(34) Caprolactam

11.569min (+ 0.000) 33.17 ng/ul m

response 139139

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	187.80	175.75
56.00	127.60	125.81
0.00	0.00	0.00

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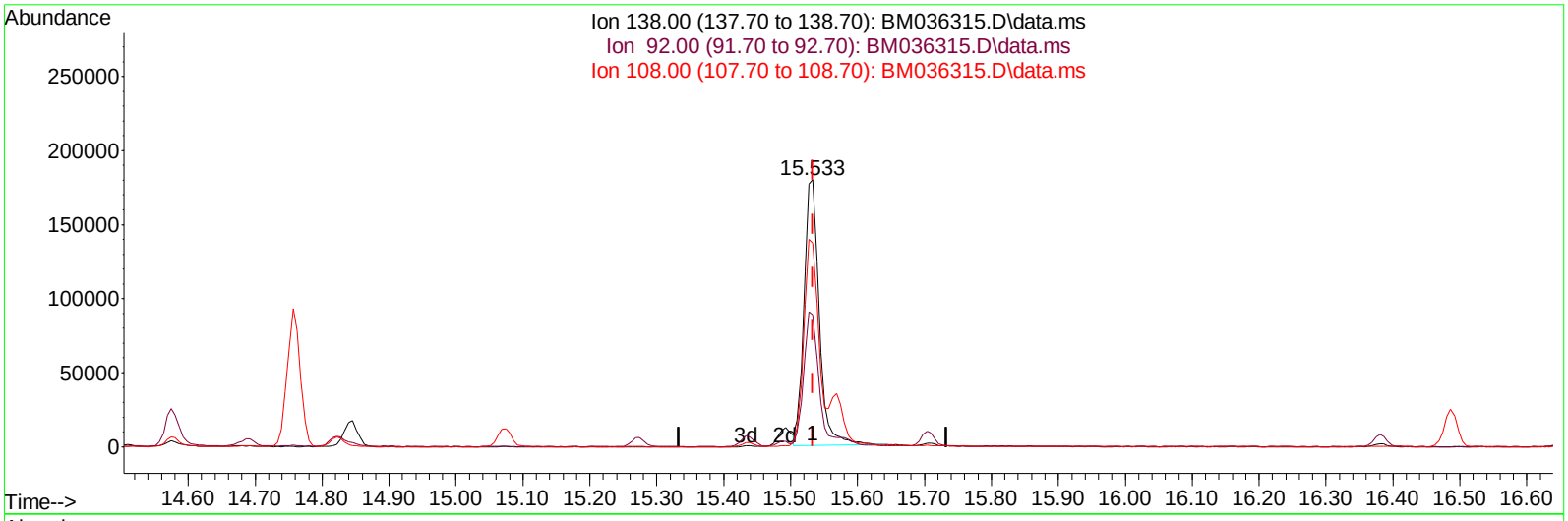

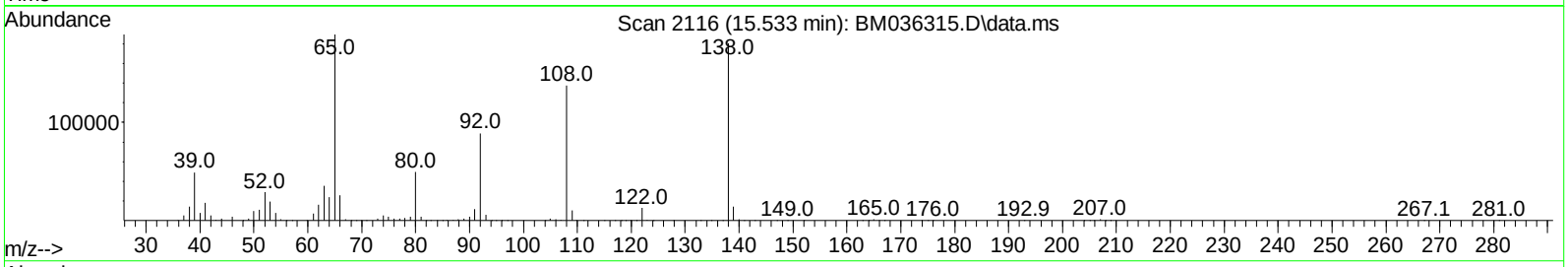

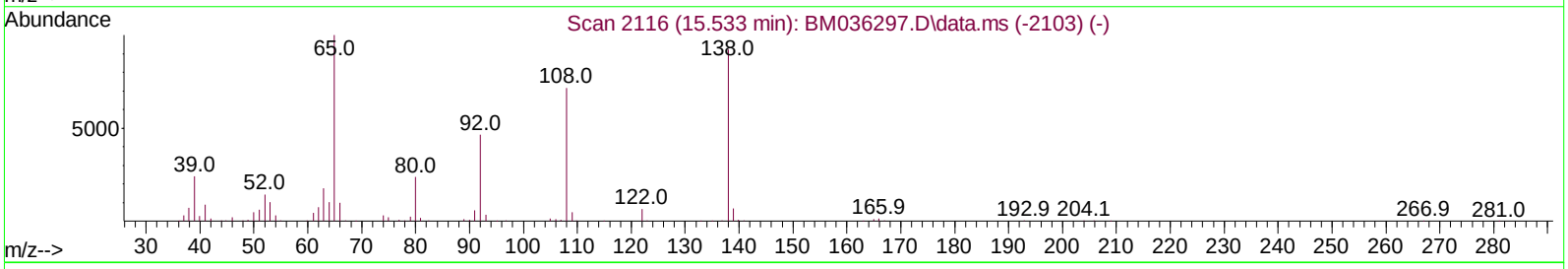

TIC: BM036315.D\data.ms

(63) 4-Nitroaniline

15.533min (+ 0.000) 39.72 ng/ul

response 285042

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.38
108.00	64.50	76.35
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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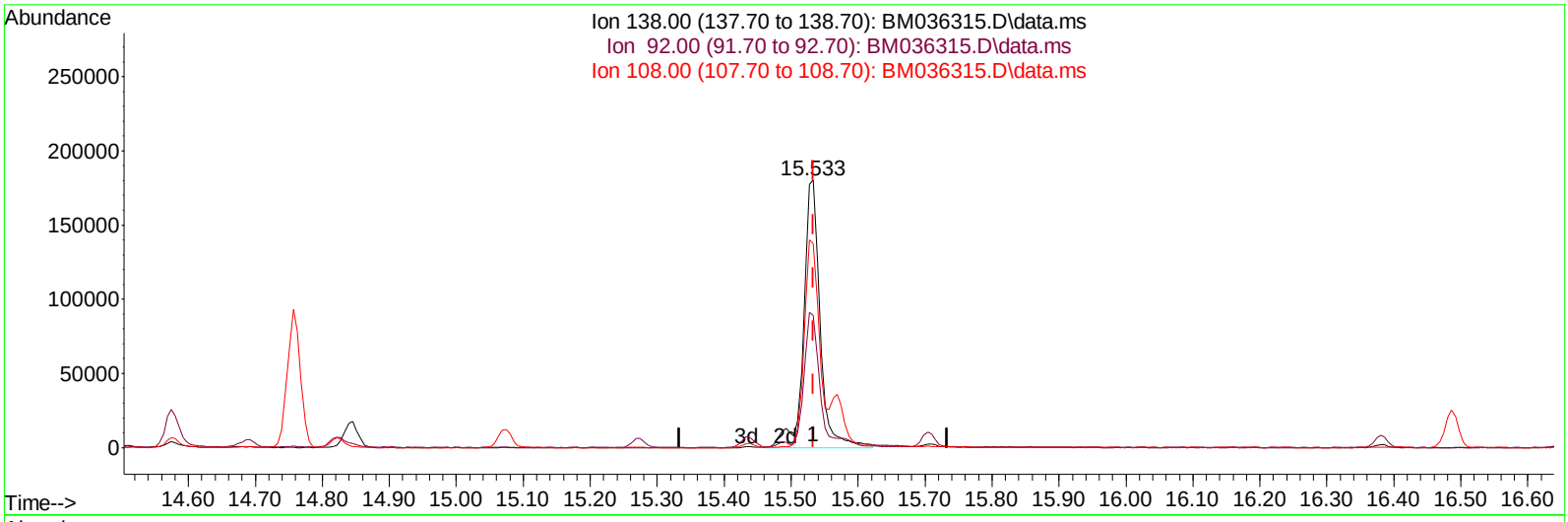

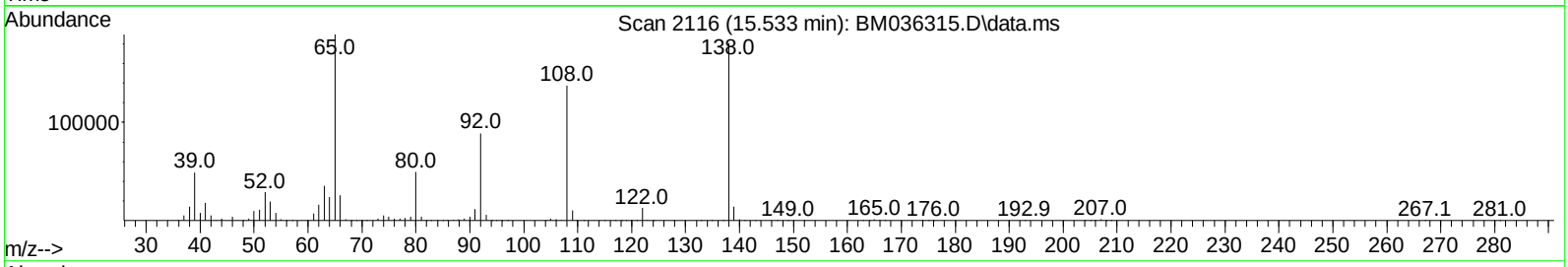

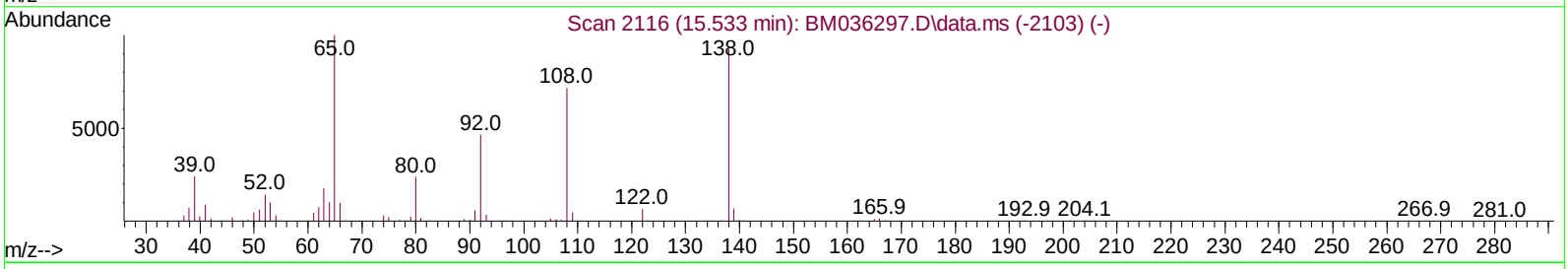

TIC: BM036315.D\data.ms

(63) 4-Nitroaniline

15.533min (+ 0.000) 43.19 ng/ul m

response 309903

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.00	49.38
108.00	64.50	76.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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EX7P4MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/18/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	231950	20.000	ng/ul	0.00
20) Naphthalene-d8	10.604	136	995724	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	572459	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1100105	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1016689	20.000	ng/ul	0.00
88) Perylene-d12	23.703	264	1041734	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	24852	4.083	ng/uL	0.00
4) Pyridine-d5	3.640	84	170381	10.152	ng/ul	0.00
7) Phenol-d5	6.981	99	496071	25.056	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	324176	26.012	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	408239	26.243	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	355525	24.049	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	207645	27.505	ng/ul	0.00
24) 2-Nitrophenol-d4	9.692	143	211988	27.683	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	383159	28.003	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	500882	23.613	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	1114375	30.770	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	1313237	29.073	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	203887	29.711	ng/ul	0.00
60) Fluorene-d10	15.433	176	1000458	30.571	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	174325	30.822	ng/ul	0.00
73) Anthracene-d10	17.286	188	1576836	32.236	ng/ul	0.00
81) Pyrene-d10	19.580	212	1793920	34.015	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.556	264	1742468	34.115	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	63442	9.897	ng/uL	95
5) Pyridine	3.658	79	238458	13.753	ng/ul	92
6) Benzaldehyde	6.946	77	264277	32.496	ng/ul	96
8) Phenol	7.010	94	579753	28.164	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.234	93	460206	27.952	ng/ul	97
12) 2-Chlorophenol	7.369	128	463275	28.479	ng/ul	97
13) 2-Methylphenol	8.257	108	411476	27.117	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.340	45	623436	28.302	ng/ul	97
16) Acetophenone	8.634	105	714014	30.030	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.616	70	347630	29.375	ng/ul	96
18) 4-Methylphenol	8.592	108	451199	27.779	ng/ul	96
19) Hexachloroethane	8.875	117	190582	28.004	ng/ul	93
22) Nitrobenzene	9.016	77	523468	29.264	ng/ul	99
23) Isophorone	9.540	82	956593	30.114	ng/ul	97
25) 2-Nitrophenol	9.722	139	255787	29.981	ng/ul	98
26) 2,4-Dimethylphenol	9.787	107	284190	16.657	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	605751	29.291	ng/ul	99
29) 2,4-Dichlorophenol	10.257	162	422499	30.181	ng/ul	99
30) Naphthalene	10.651	128	1512575	28.943	ng/ul	100
32) 4-Chloroaniline	10.775	127	463960	21.504	ng/ul	100
33) Hexachlorobutadiene	10.928	225	259953	29.558	ng/ul	99
34) Caprolactam	11.569	113	139139m	33.172	ng/ul	
35) 4-Chloro-3-methylphenol	11.910	107	456999	32.287	ng/ul	99

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ClientSampleId :
EX7P4MS

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	984970	30.039 ng/ul	99
37) 1-Methylnaphthalene	12.486	142	986087	29.861 ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.633	216	471523	29.801 ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	153308	16.332 ng/ul	99
41) 2,4,6-Trichlorophenol	12.880	196	323700	32.511 ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	363761	34.444 ng/ul	99
43) 1,1'-Biphenyl	13.280	154	1286016	29.869 ng/ul	99
44) 2-Chloronaphthalene	13.322	162	983609	29.772 ng/ul	99
45) 2-Nitroaniline	13.539	65	300641	33.604 ng/ul	97
47) Dimethylphthalate	13.910	163	1261859	33.849 ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	255411	36.312 ng/ul	93
50) Acenaphthylene	14.169	152	1627878	30.560 ng/ul	100
51) 3-Nitroaniline	14.369	138	285892	37.167 ng/ul	96
52) Acenaphthene	14.510	153	1067942	30.759 ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	139299	36.340 ng/ul	98
55) 4-Nitrophenol	14.686	109	199583	36.810 ng/ul	85
56) Dibenzofuran	14.845	168	1509200	31.328 ng/ul	98
57) 2,4-Dinitrotoluene	14.822	165	382895	38.384 ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.074	232	294386	36.713 ng/ul#	93
59) Diethylphthalate	15.274	149	1349146	36.713 ng/ul	99
61) Fluorene	15.492	166	1252528	32.779 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	592567	33.198 ng/ul	96
63) 4-Nitroaniline	15.533	138	309903m	43.189 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	203697	35.622 ng/ul#	91
67) N-Nitrosodiphenylamine	15.704	169	1082009	34.403 ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	357308	35.077 ng/ul	97
69) Hexachlorobenzene	16.486	284	439329	35.589 ng/ul	96
70) Atrazine	16.663	200	222414	20.697 ng/ul	99
71) Pentachlorophenol	16.839	266	236460	34.745 ng/ul	97
72) Phenanthrene	17.227	178	2048790	35.426 ng/ul	99
74) Anthracene	17.321	178	1999323	34.483 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	469069	28.417 ng/uL	99
76) Pentachlorobenzene	14.757	250	478013	31.015 ng/uL	99
77) Carbazole	17.598	167	1926579	35.489 ng/ul	99
78) Di-n-butylphthalate	18.162	149	2345855	39.508 ng/ul	99
80) Fluoranthene	19.245	202	2401436	37.677 ng/ul	99
82) Pyrene	19.609	202	2441981	36.714 ng/ul	98
83) Butylbenzylphthalate	20.515	149	1037502	41.694 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.298	252	614126	29.333 ng/ul	99
85) Benzo(a)anthracene	21.356	228	2287956	37.448 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.286	149	1514416	44.080 ng/ul#	98
87) Chrysene	21.409	228	2225711	37.075 ng/ul	99
89) Di-n-octyl phthalate	22.192	149	2535655	40.946 ng/ul	100
90) Benzo(b)fluoranthene	22.997	252	2345507	36.929 ng/ul	97
91) Benzo(k)fluoranthene	23.045	252	2271635	37.594 ng/ul	98
93) Benzo(a)pyrene	23.603	252	2309372	36.960 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	2710600	36.897 ng/ul	95
95) Dibenzo(a,h)anthracene	26.138	278	2334854	36.895 ng/ul	96
96) Benzo(g,h,i)perylene	26.868	276	1989004	31.661 ng/ul	96

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

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