Quantitation Report (Qedit)

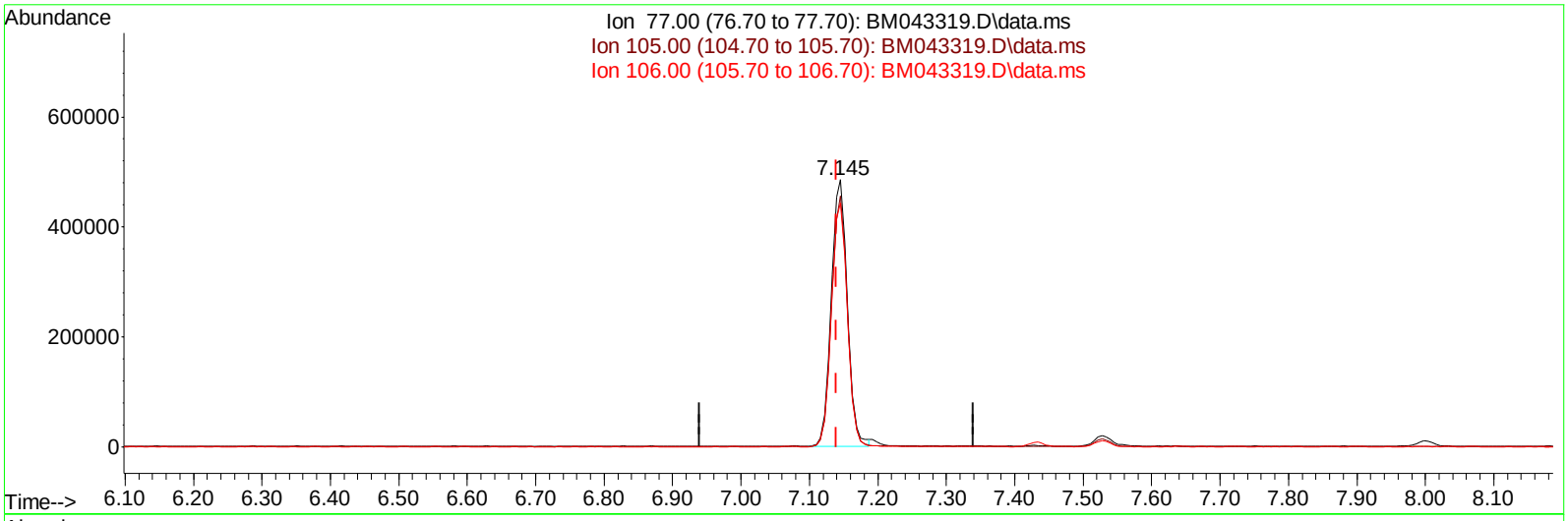
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043319.D
Acq On : 14 Dec 2023 01:48
Operator : MA/JU
Sample : PB157727BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

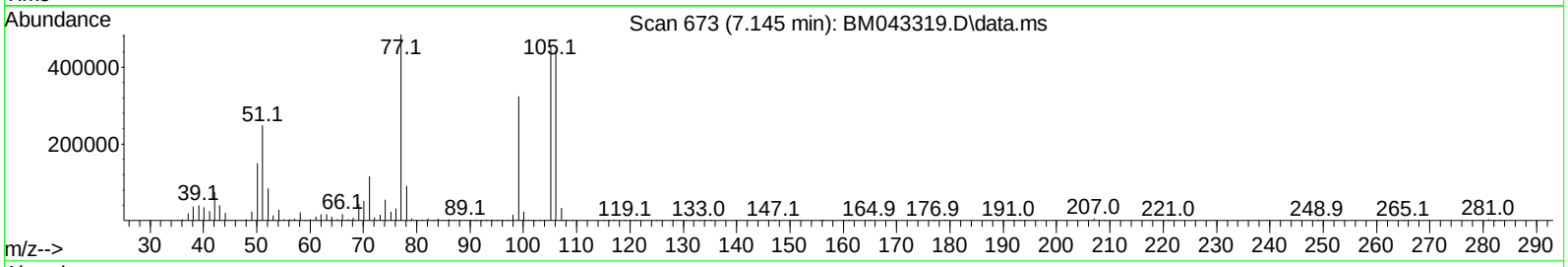
Quant Time: Dec 14 02:23:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

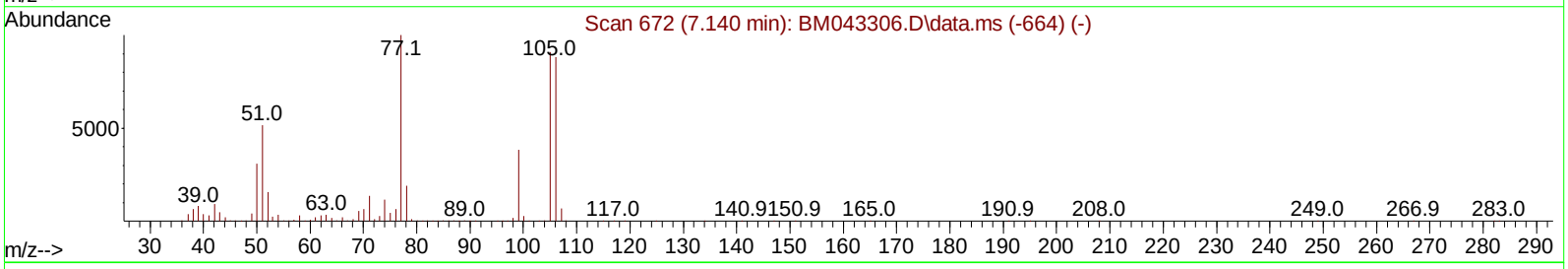
Instrument :
BNA_M
ClientSampleId :
SLCS727

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023







TIC: BM043319.D\data.ms

(6) Benzaldehyde

7.145min (+ 0.006) 35.08 ng/ul

response 786748

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	93.91
106.00	93.30	91.25
0.00	0.00	0.00

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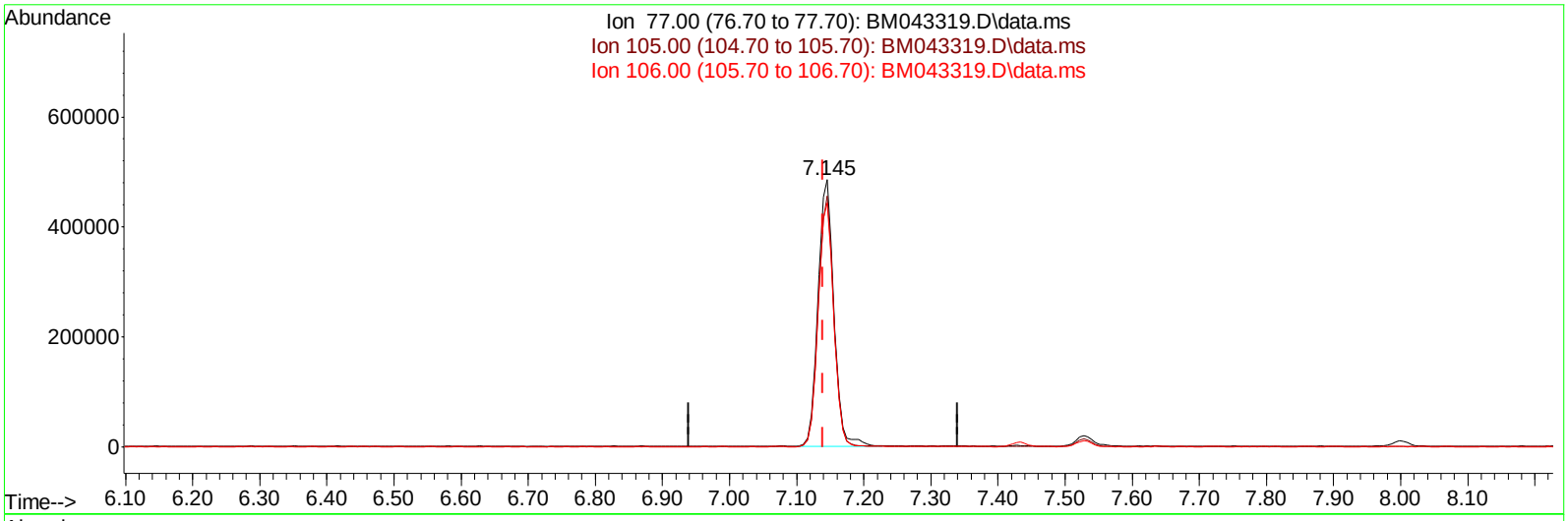

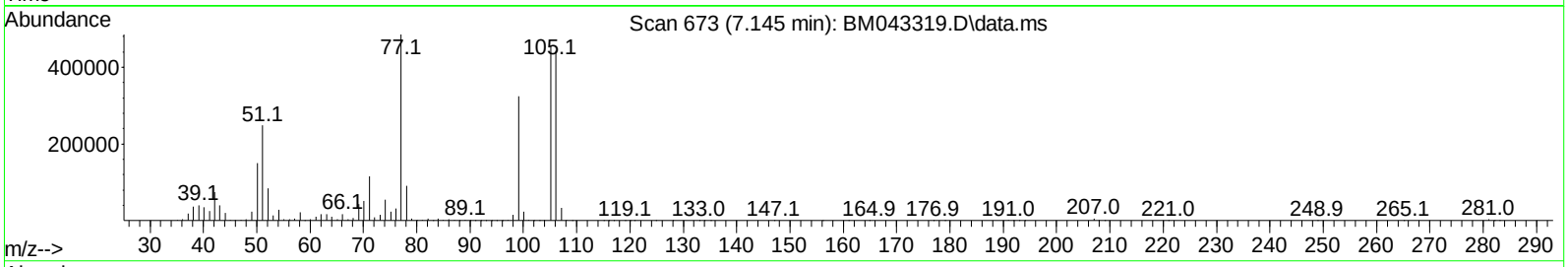

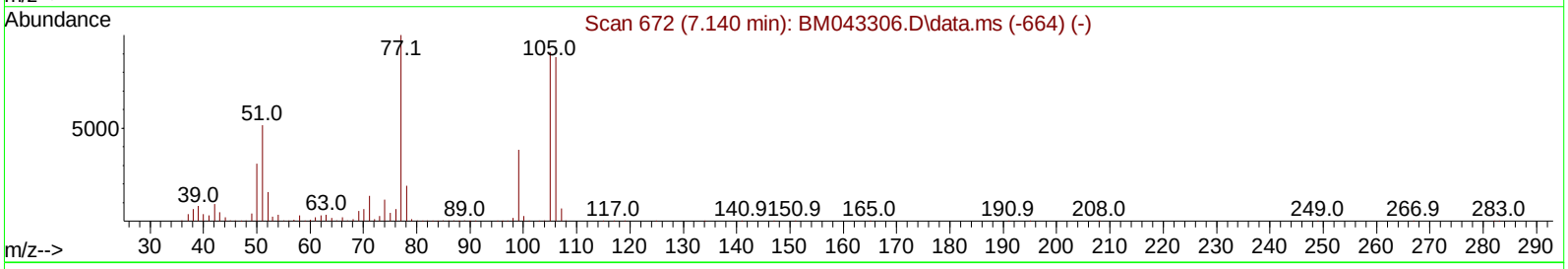

TIC: BM043319.D\data.ms

(6) Benzaldehyde

7.145min (+ 0.006) 35.71 ng/ul m

response 800722

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.40	93.91
106.00	93.30	91.25
0.00	0.00	0.00

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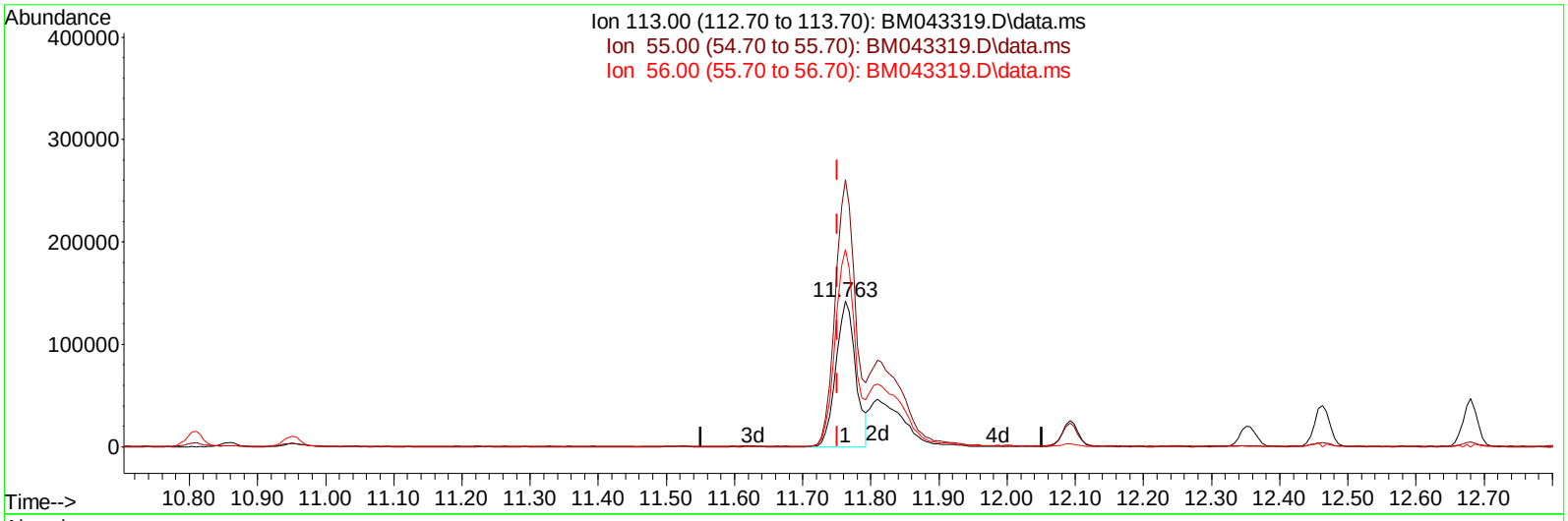

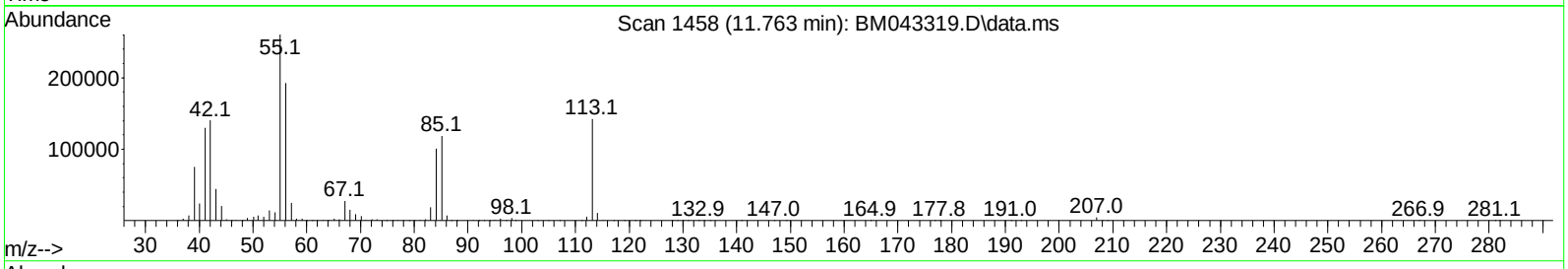

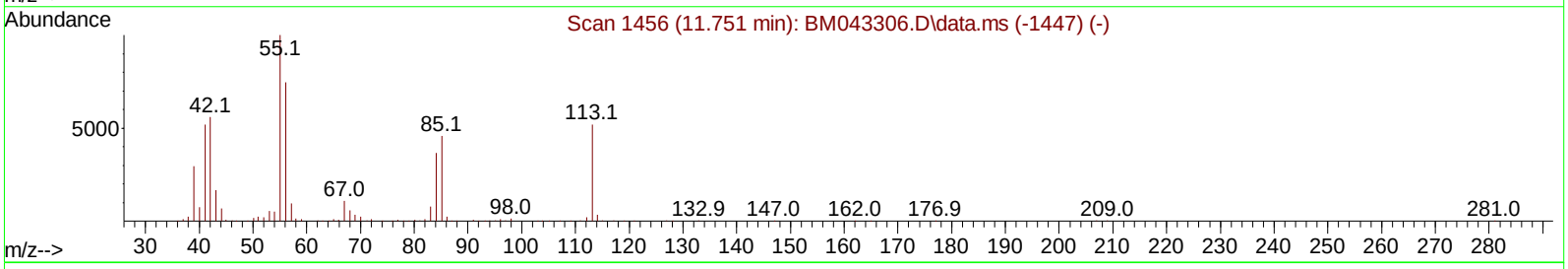

TIC: BM043319.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 27.07 ng/ul

response 287664

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	183.22
56.00	129.40	135.36
0.00	0.00	0.00

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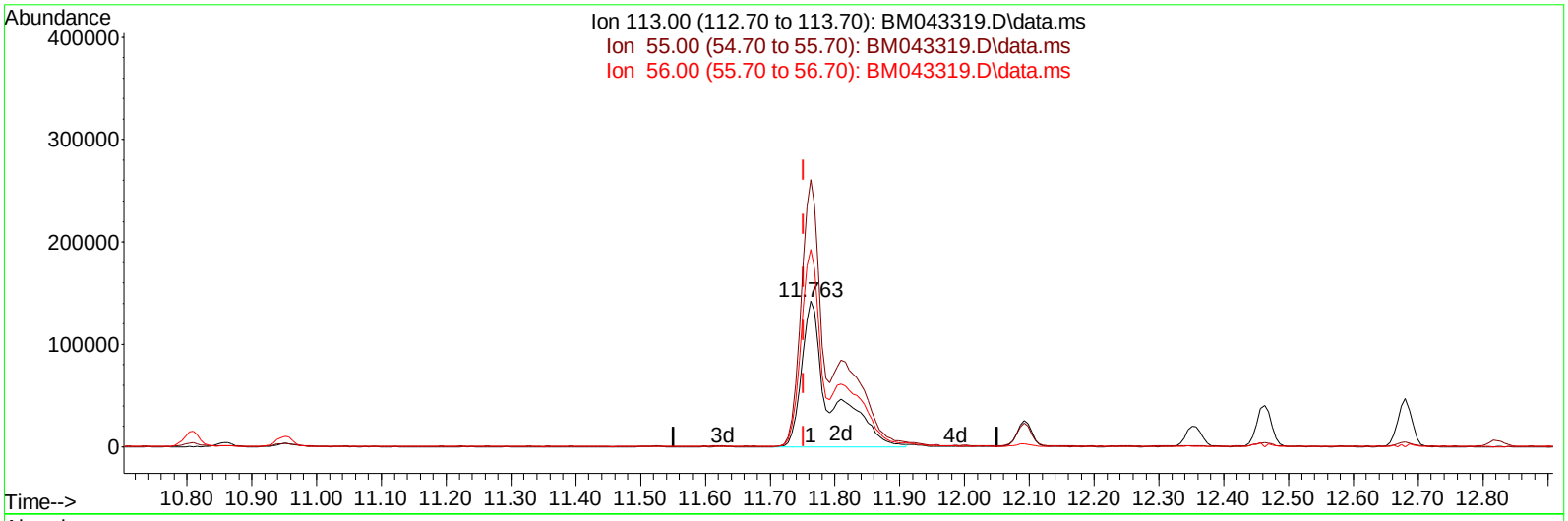

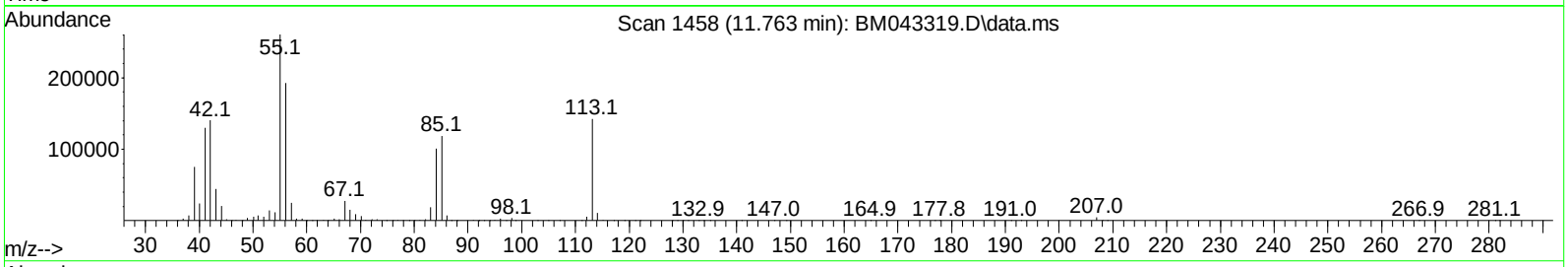

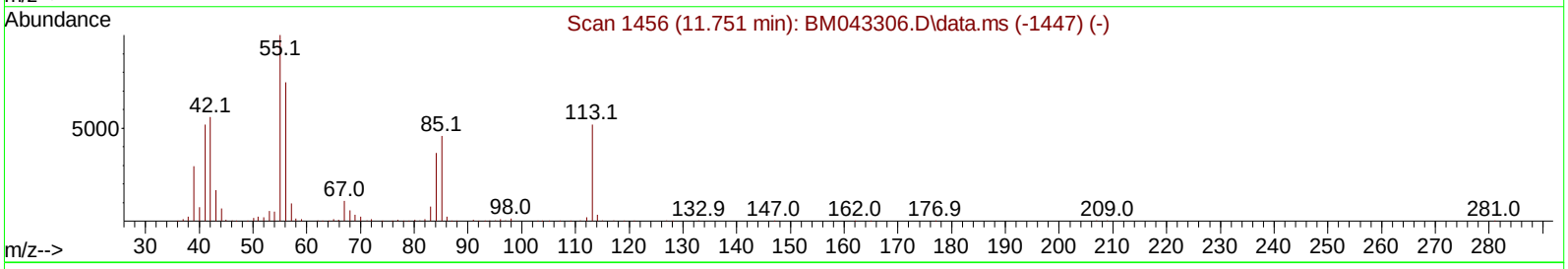

TIC: BM043319.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 41.72 ng/ul m

response 443324

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	183.22
56.00	129.40	135.36
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	438886	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	2010136	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1133127	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2163249	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.539	240	1473509	20.000	ng/ul	# 0.00
88) Perylene-d12	23.956	264	1323504	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	72174	6.454	ng/uL	0.00
4) Pyridine-d5	3.816	84	1126550	33.952	ng/ul	0.00
7) Phenol-d5	7.163	99	1606800	36.877	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.339	67	982186	36.414	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	1214279	36.556	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1248140	36.209	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	615449	35.921	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	647727	39.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	1179286	32.024	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1574688	29.719	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	3323774	33.462	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	3912707	34.048	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	669446	37.612	ng/ul	0.01
60) Fluorene-d10	15.615	176	2770433	31.996	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	293913	24.686	ng/ul	0.00
73) Anthracene-d10	17.468	188	4017391	34.327	ng/ul	0.00
81) Pyrene-d10	19.750	212	4033908	42.785	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	2765977	35.815	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	147668	12.022	ng/uL	94
5) Pyridine	3.834	79	1203429	35.289	ng/ul	98
6) Benzaldehyde	7.145	77	800722m	35.705	ng/ul	
8) Phenol	7.187	94	1622317	37.648	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.434	93	1281101	36.872	ng/ul	99
12) 2-Chlorophenol	7.563	128	1262269	37.458	ng/ul	99
13) 2-Methylphenol	8.445	108	1240786	37.237	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	2175870	37.667	ng/ul	99
16) Acetophenone	8.834	105	1910825	34.489	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	1065796	35.096	ng/ul	99
18) 4-Methylphenol	8.781	108	1329571	36.775	ng/ul	99
19) Hexachloroethane	9.075	117	525422	36.785	ng/ul#	82
22) Nitrobenzene	9.216	77	1532664	37.206	ng/ul	99
23) Isophorone	9.745	82	3009384	34.285	ng/ul	99
25) 2-Nitrophenol	9.928	139	700980	38.713	ng/ul	97
26) 2,4-Dimethylphenol	9.980	107	1178412	33.193	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1783108	34.551	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	1156050	32.344	ng/ul	97
30) Naphthalene	10.857	128	4099568	33.227	ng/ul	99
32) 4-Chloroaniline	10.975	127	1335625	26.724	ng/ul	99
33) Hexachlorobutadiene	11.127	225	591477	26.559	ng/ul	99
34) Caprolactam	11.763	113	443324m	41.715	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	1335370	35.581	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	2788433	31.413 ng/ul	99
37) 1-Methylnaphthalene	12.680	142	2737277	30.380 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.821	216	1174760	30.643 ng/ul#	96
40) Hexachlorocyclopentadiene	12.792	237	514875	23.669 ng/ul	98
41) 2,4,6-Trichlorophenol	13.069	196	819707	34.361 ng/ul	100
42) 2,4,5-Trichlorophenol	13.133	196	895919	34.506 ng/ul	99
43) 1,1'-Biphenyl	13.469	154	3545176	35.367 ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2722225	35.034 ng/ul	97
45) 2-Nitroaniline	13.721	65	948408	46.190 ng/ul	97
47) Dimethylphthalate	14.092	163	3350544	34.392 ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	699524	38.972 ng/ul	98
50) Acenaphthylene	14.351	152	4586891	35.316 ng/ul	100
51) 3-Nitroaniline	14.545	138	771492	38.743 ng/ul	95
52) Acenaphthene	14.692	153	2997702	34.991 ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	184129	22.345 ng/ul#	84
55) 4-Nitrophenol	14.845	109	522935	40.632 ng/ul	94
56) Dibenzofuran	15.027	168	3915244	33.456 ng/ul	95
57) 2,4-Dinitrotoluene	14.998	165	991471	38.687 ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.245	232	663038	30.723 ng/ul#	86
59) Diethylphthalate	15.457	149	3576653	36.499 ng/ul	98
61) Fluorene	15.674	166	3411237	33.674 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1528805	30.547 ng/ul	91
63) 4-Nitroaniline	15.704	138	847547	42.361 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	329412	25.303 ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	2771942	38.211 ng/ul	100
68) 4-Bromophenyl-phenylether	16.562	248	883394	33.770 ng/ul	94
69) Hexachlorobenzene	16.662	284	1013284	32.645 ng/ul#	90
70) Atrazine	16.839	200	548069	26.791 ng/ul	96
71) Pentachlorophenol	17.009	266	554236	30.325 ng/ul	99
72) Phenanthrene	17.409	178	5003146	37.089 ng/ul	99
74) Anthracene	17.504	178	5021122	36.951 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	1182800	34.561 ng/uL	98
76) Pentachlorobenzene	14.939	250	1161934	33.409 ng/uL	98
77) Carbazole	17.774	167	4634308	41.519 ng/ul	99
78) Di-n-butylphthalate	18.345	149	6357168	43.786 ng/ul	99
80) Fluoranthene	19.415	202	5182009	47.913 ng/ul#	93
82) Pyrene	19.780	202	5232573	46.510 ng/ul#	94
83) Butylbenzylphthalate	20.686	149	2738398	61.190 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.456	252	1251193	35.728 ng/ul#	99
85) Benzo(a)anthracene	21.521	228	4306329	38.117 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.456	149	4163439	58.936 ng/ul#	97
87) Chrysene	21.574	228	3841826	38.074 ng/ul	100
89) Di-n-octyl phthalate	22.403	149	6533469	71.768 ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	3531971	37.403 ng/ul#	97
91) Benzo(k)fluoranthene	23.268	252	3483627	37.040 ng/ul#	97
93) Benzo(a)pyrene	23.850	252	3181762	36.453 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.479	276	3791627	38.137 ng/ul#	93
95) Dibenzo(a,h)anthracene	26.509	278	3162143	38.038 ng/ul#	95
96) Benzo(g,h,i)perylene	27.256	276	2968370	39.628 ng/ul#	93

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

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