Quantitation Report (Qedit)

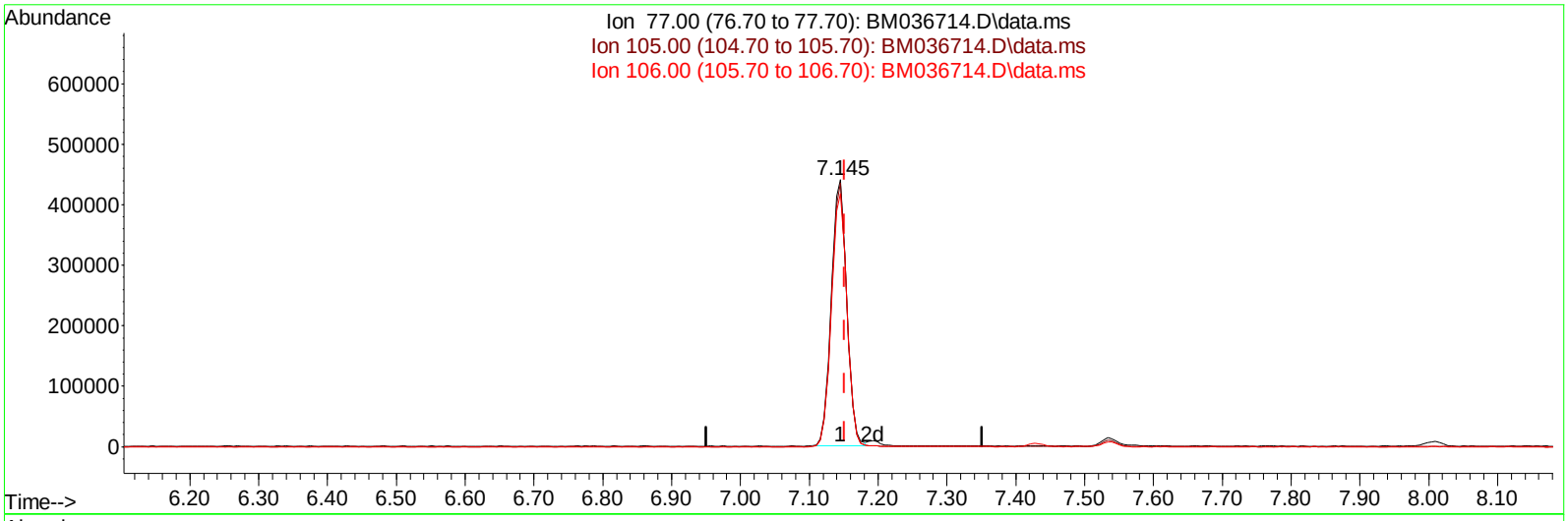
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036714.D
Acq On : 24 Sep 2022 14:33
Operator : CG/JU
Sample : PB147750BS
Misc :
ALS Vial : 47 Sample Multiplier: 1

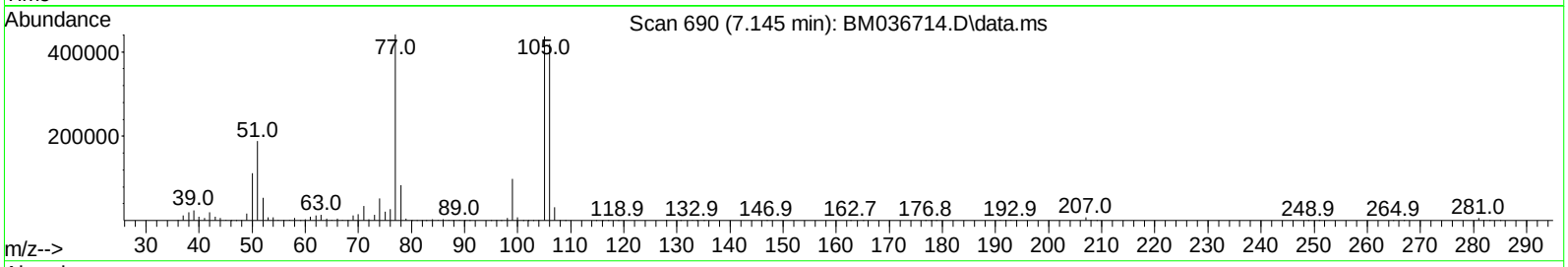
Quant Time: Sep 26 01:11:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

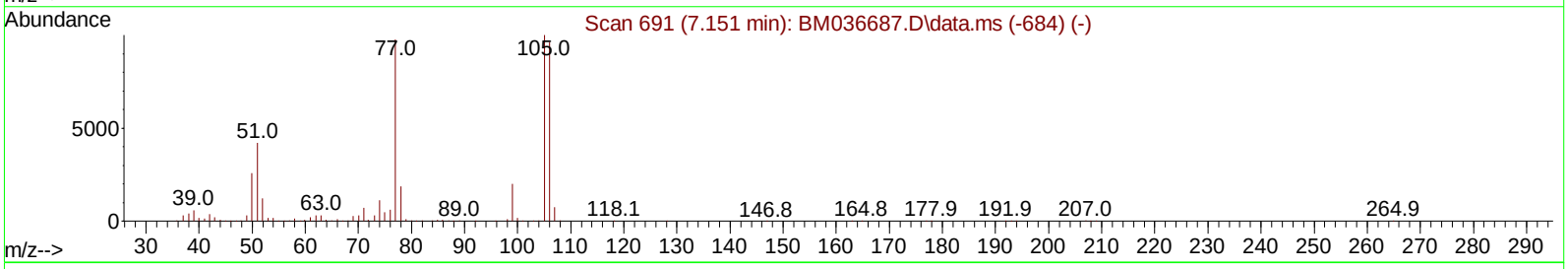
Instrument :
BNA_M
ClientSampleId :
SLCS750

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022







TIC: BM036714.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 43.87 ng/ul

response 677967

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.88
106.00	91.30	94.81
0.00	0.00	0.00

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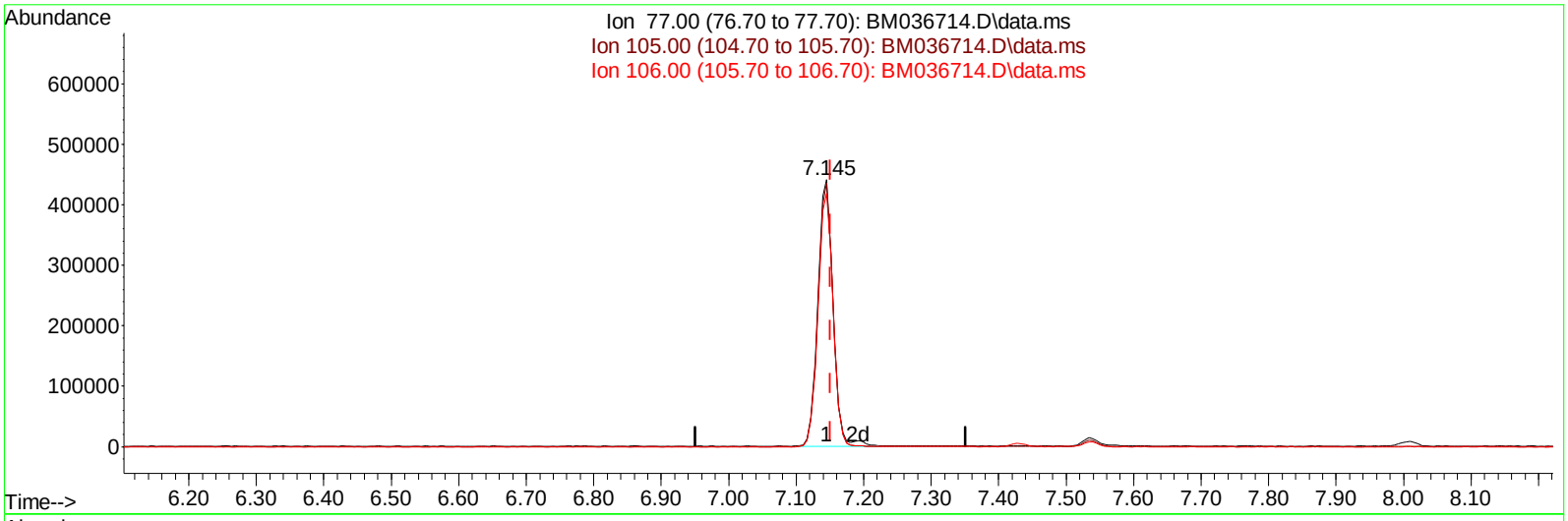

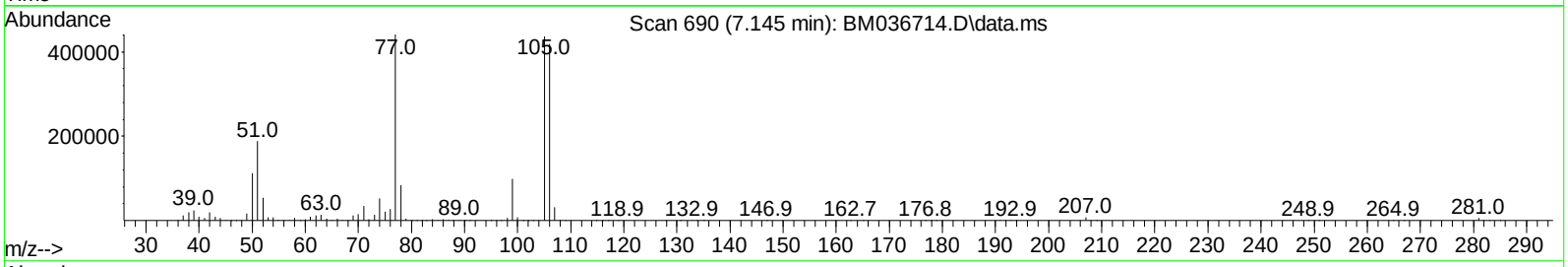

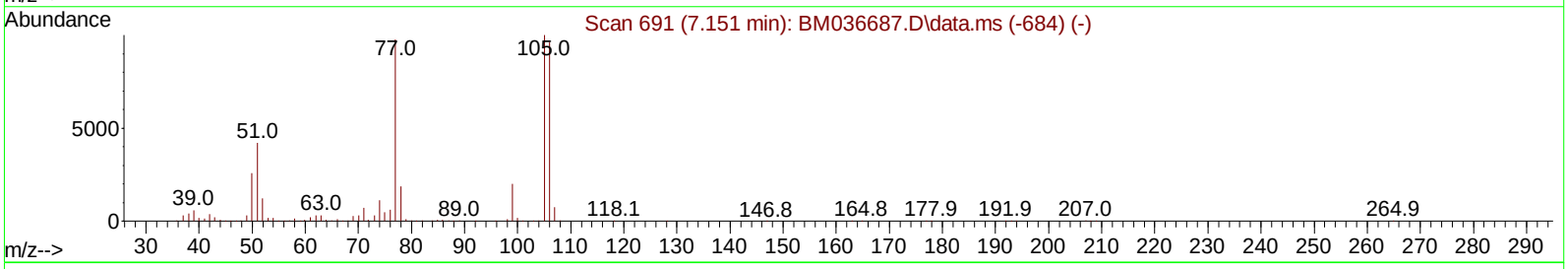

TIC: BM036714.D\data.ms

(6) Benzaldehyde

7.145min (-0.006) 44.64 ng/ul m

response 689765

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.88
106.00	91.30	94.81
0.00	0.00	0.00

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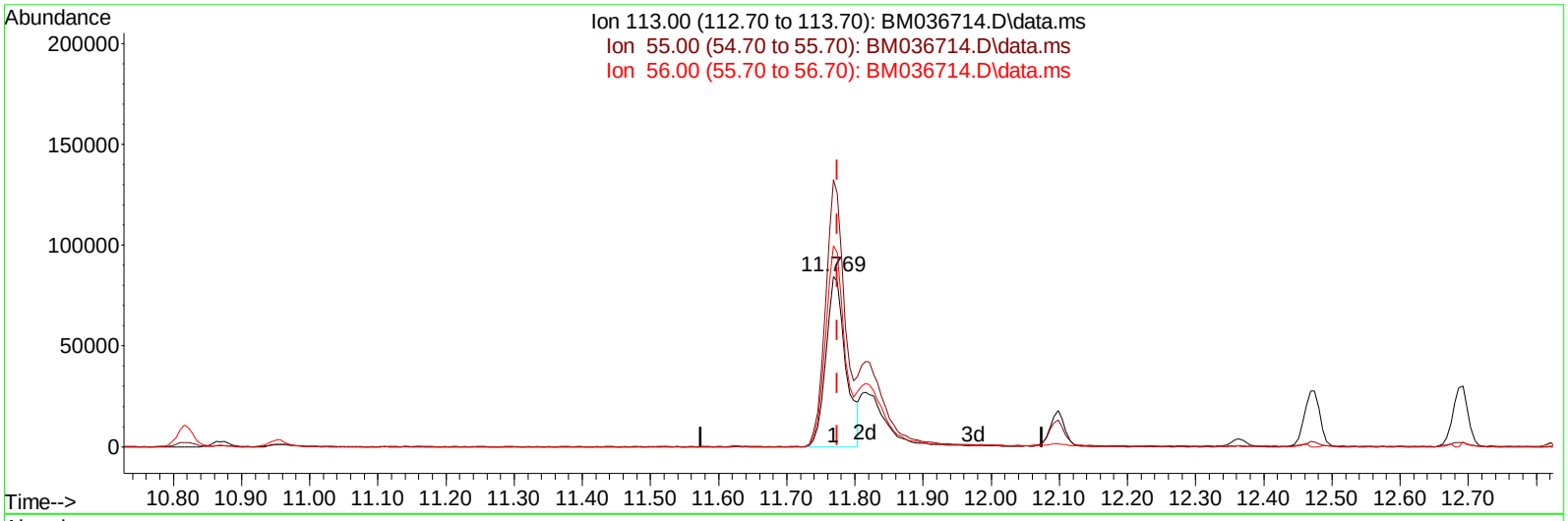

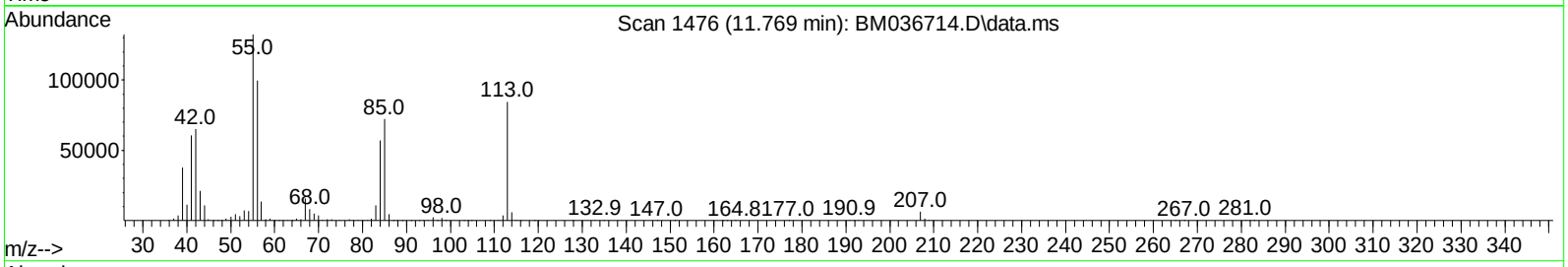

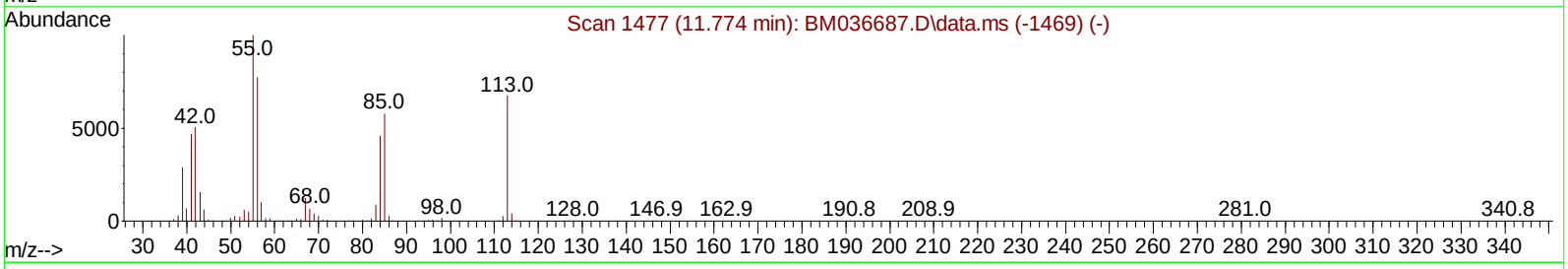

TIC: BM036714.D\data.ms

(34) Caprolactam

11.769min (-0.006) 22.82 ng/ul

response 170777

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	156.61
56.00	118.30	117.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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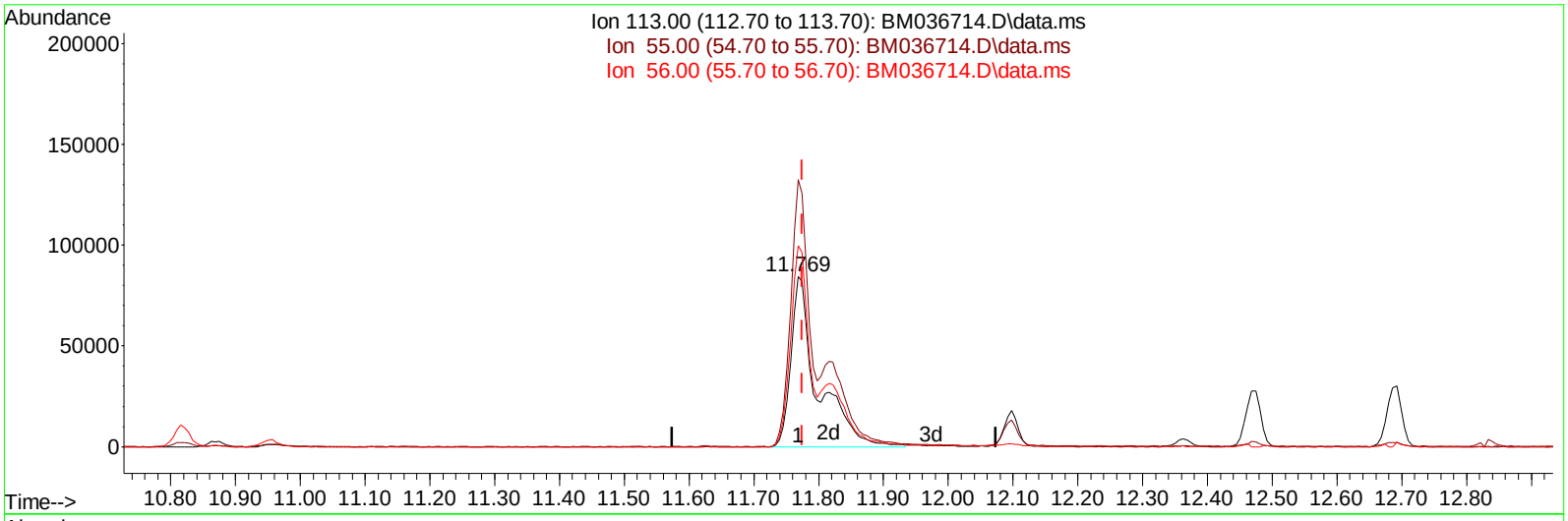

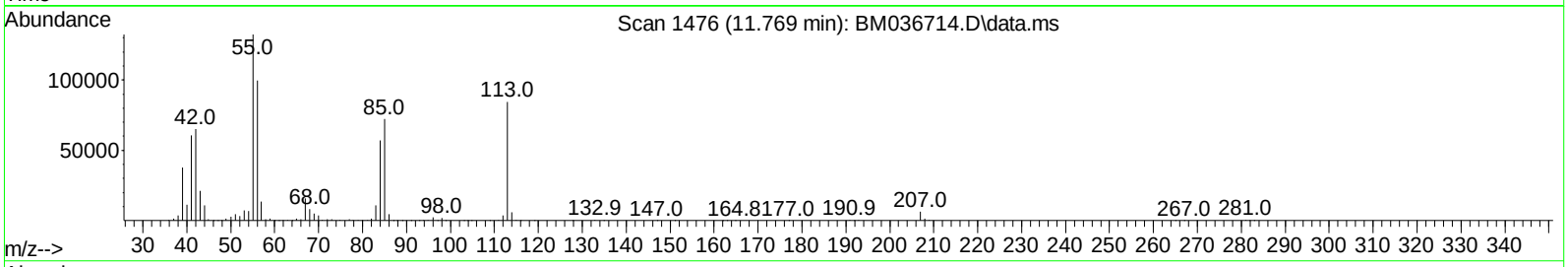

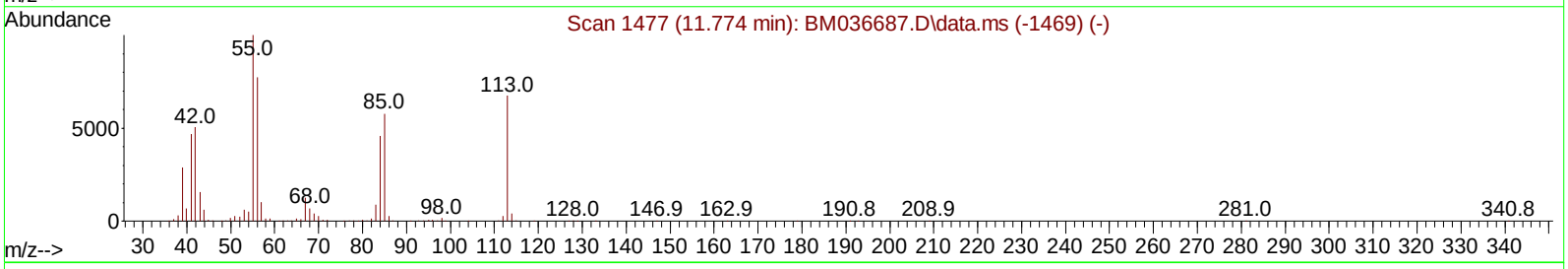

TIC: BM036714.D\data.ms

(34) Caprolactam

11.769min (-0.006) 32.17 ng/ul m

response 240766

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	156.61
56.00	118.30	117.81
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	8.004	152	357099	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1562148	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	959303	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1854749	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	1383314	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1153910	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	52470	5.508	ng/uL	0.00
4) Pyridine-d5	3.816	84	644782	23.209	ng/ul	0.00
7) Phenol-d5	7.163	99	1082125	33.910	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	646620	33.365	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	845855	36.816	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	842294	35.721	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	411846	38.951	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	401559	42.399	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	792808	36.121	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	534071	14.635	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2212882	34.202	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2719394	35.434	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	415502	33.110	ng/ul	0.00
60) Fluorene-d10	15.621	176	1965668	33.902	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	278732	37.984	ng/ul	0.00
73) Anthracene-d10	17.468	188	2946932	34.750	ng/ul	0.00
81) Pyrene-d10	19.750	212	3032949	44.567	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2085653	36.996	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	110145	10.734	ng/uL	96
5) Pyridine	3.834	79	752256	26.952	ng/ul	95
6) Benzaldehyde	7.145	77	689765m	44.636	ng/ul	
8) Phenol	7.192	94	1111894	32.464	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	853754	32.038	ng/ul	99
12) 2-Chlorophenol	7.569	128	850860	34.236	ng/ul	98
13) 2-Methylphenol	8.451	108	819405	32.549	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	997046	31.568	ng/ul	99
16) Acetophenone	8.839	105	1304238	31.888	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	647667	32.818	ng/ul	95
18) 4-Methylphenol	8.781	108	897813	32.980	ng/ul	100
19) Hexachloroethane	9.092	117	323940	32.180	ng/ul	97
22) Nitrobenzene	9.216	77	966304	34.421	ng/ul	98
23) Isophorone	9.751	82	1765914	30.851	ng/ul	99
25) 2-Nitrophenol	9.927	139	446907	38.205	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	948849	32.887	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.227	93	1106350	32.428	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	796118	34.502	ng/ul	99
30) Naphthalene	10.869	128	2726542	32.039	ng/ul	99
32) 4-Chloroaniline	10.980	127	800606	21.250	ng/ul	99
33) Hexachlorobutadiene	11.157	225	439706	31.157	ng/ul	99
34) Caprolactam	11.769	113	240766m	32.167	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	858375	33.700	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	12.474	142	1824961	32.186	ng/ul	100
37) 1-Methylnaphthalene	12.692	142	1841476	32.307	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	880906	32.443	ng/ul	98
40) Hexachlorocyclopentadiene	12.816	237	340533	24.066	ng/ul	98
41) 2,4,6-Trichlorophenol	13.074	196	567248	34.120	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	626431	35.145	ng/ul	99
43) 1,1'-Biphenyl	13.474	154	2309732	32.662	ng/ul	99
44) 2-Chloronaphthalene	13.515	162	1813581	32.683	ng/ul	100
45) 2-Nitroaniline	13.721	65	529921	38.799	ng/ul	96
47) Dimethylphthalate	14.092	163	2207325	32.162	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	434040	38.899	ng/ul	99
50) Acenaphthylene	14.357	152	2815704	32.091	ng/ul	100
51) 3-Nitroaniline	14.539	138	504824	37.723	ng/ul#	96
52) Acenaphthene	14.698	153	1962719	31.970	ng/ul	100
53) 2,4-Dinitrophenol	14.739	184	156754	31.661	ng/ul	99
55) 4-Nitrophenol	14.839	109	331427	30.896	ng/ul	99
56) Dibenzofuran	15.033	168	2653195	32.180	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	630240	38.852	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	485653	32.549	ng/ul#	95
59) Diethylphthalate	15.451	149	2228982	32.443	ng/ul	100
61) Fluorene	15.674	166	2272268	32.359	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.668	204	1074189	31.986	ng/ul	99
63) 4-Nitroaniline	15.698	138	518197	39.855	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.751	198	280579	33.883	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	1856813	33.990	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	594088	32.497	ng/ul	99
69) Hexachlorobenzene	16.674	284	687248	31.784	ng/ul	98
70) Atrazine	16.833	200	306756	15.913	ng/ul	98
71) Pentachlorophenol	17.015	266	364683	28.394	ng/ul	99
72) Phenanthrene	17.409	178	3421966	33.496	ng/ul	99
74) Anthracene	17.503	178	3471924	33.435	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	911608	35.936	ng/uL	100
76) Pentachlorobenzene	14.945	250	812641	29.618	ng/uL	100
77) Carbazole	17.774	167	3097962	32.223	ng/ul	100
78) Di-n-butylphthalate	18.333	149	3816804	35.026	ng/ul	99
80) Fluoranthene	19.415	202	3586775	43.010	ng/ul	99
82) Pyrene	19.780	202	3726841	42.219	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1454004	43.469	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.450	252	933847	34.550	ng/ul	99
85) Benzo(a)anthracene	21.521	228	3043174	35.111	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	2216791	45.369	ng/ul	100
87) Chrysene	21.574	228	2795504	33.980	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	3217991	46.258	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2614632	35.732	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	2607911	35.668	ng/ul	98
93) Benzo(a)pyrene	23.862	252	2273939	35.350	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.509	276	2502240	33.310	ng/ul	97
95) Dibenzo(a,h)anthracene	26.526	278	2268900	33.305	ng/ul	98
96) Benzo(g,h,i)perylene	27.285	276	2146177	32.956	ng/ul	98

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

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