Quantitation Report (Qedit)

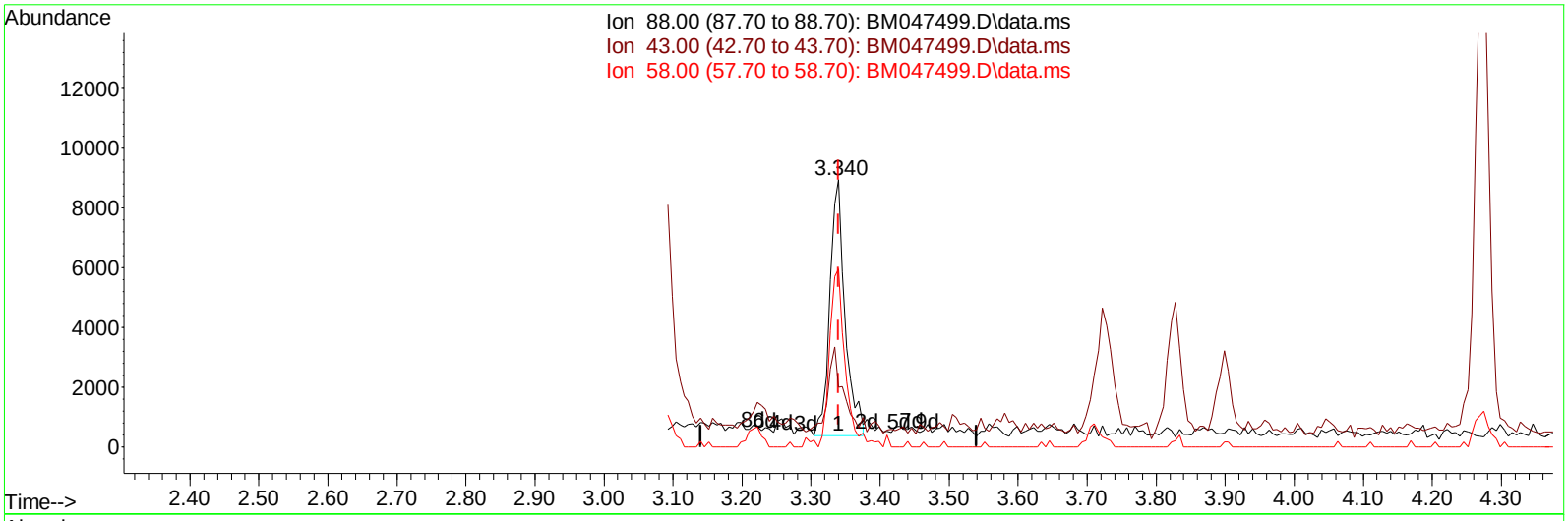
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091224\
Data File : BM047499.D
Acq On : 12 Sep 2024 11:29
Operator : RC/JU
Sample : P3391-02
Misc : SFAM-MDL-Q3-WATER-02
ALS Vial : 4 Sample Multiplier: 1

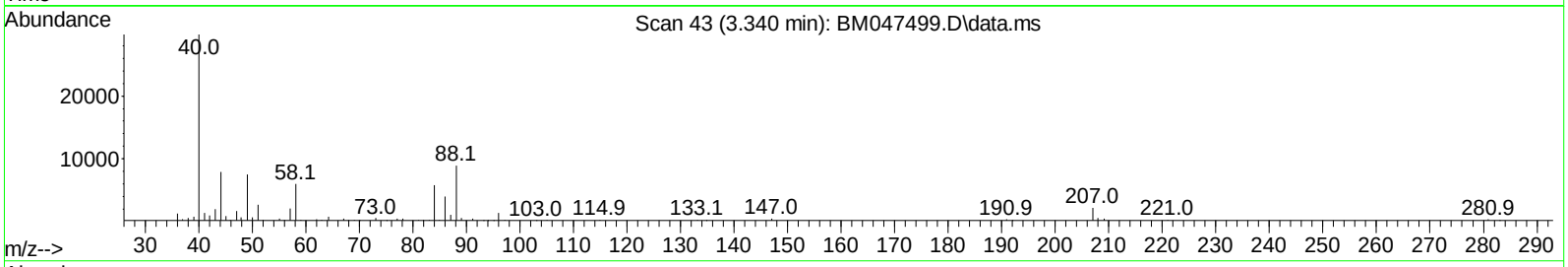
Quant Time: Sep 12 12:06:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 00:35:12 2024
Response via : Initial Calibration

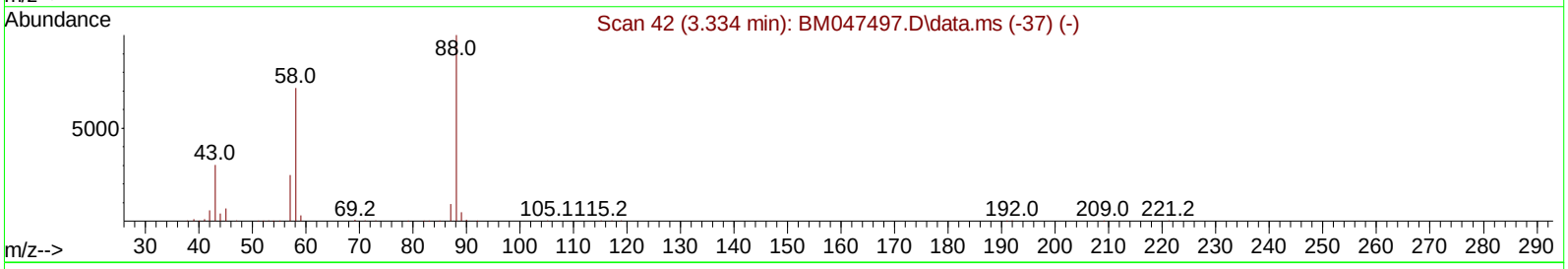
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024







TIC: BM047499.D\data.ms

(2) 1,4-Dioxane

3.340min (-0.000) 1.20 ng/uL

response 13236

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.10	22.19#
58.00	71.20	66.61
0.00	0.00	0.00

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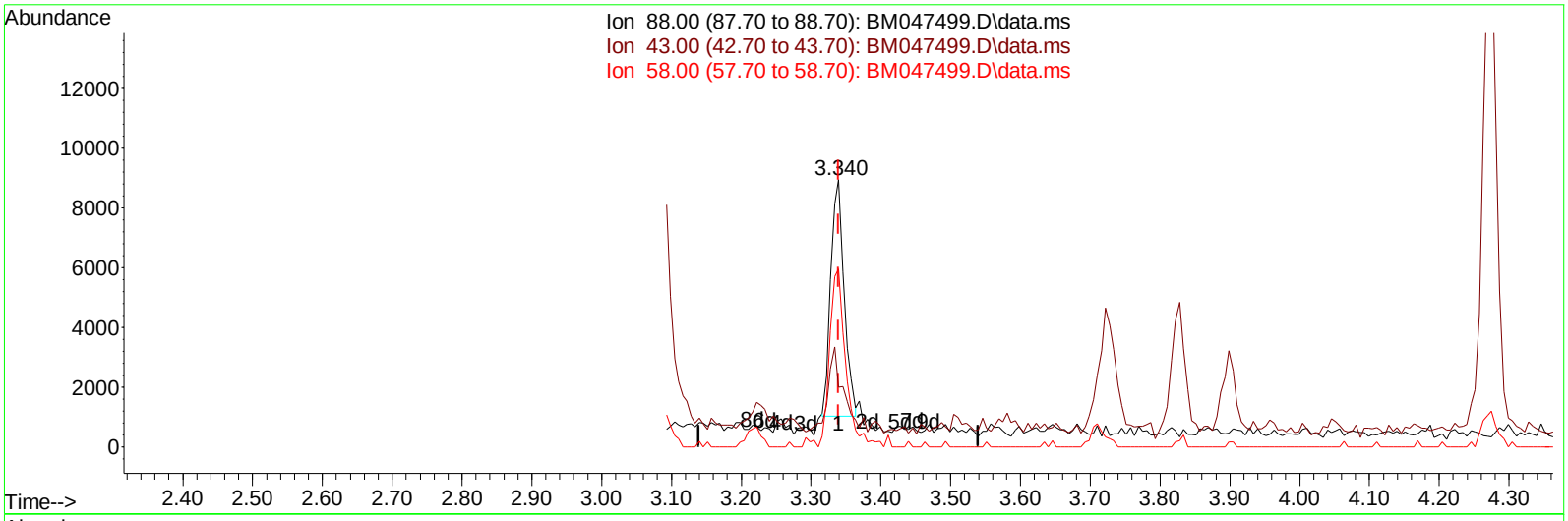

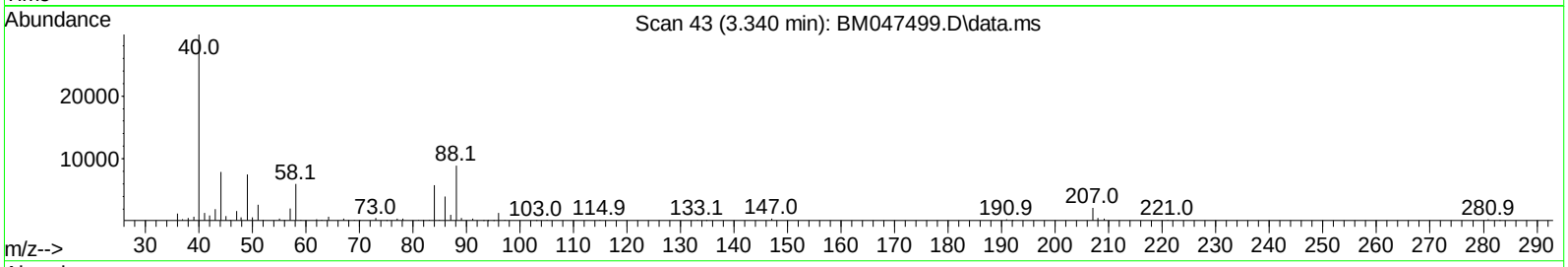

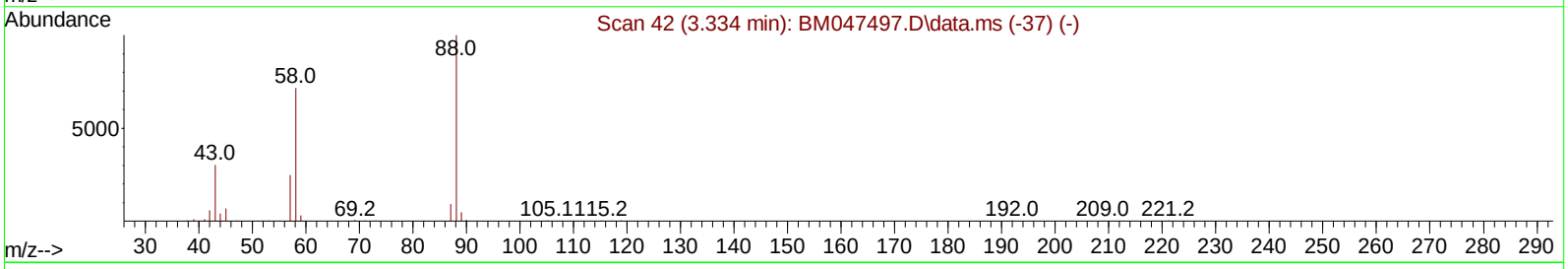

TIC: BM047499.D\data.ms

(2) 1,4-Dioxane

3.340min (-0.000) 0.95 ng/uL m

response 10414

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	30.10	22.19#
58.00	71.20	66.61
0.00	0.00	0.00

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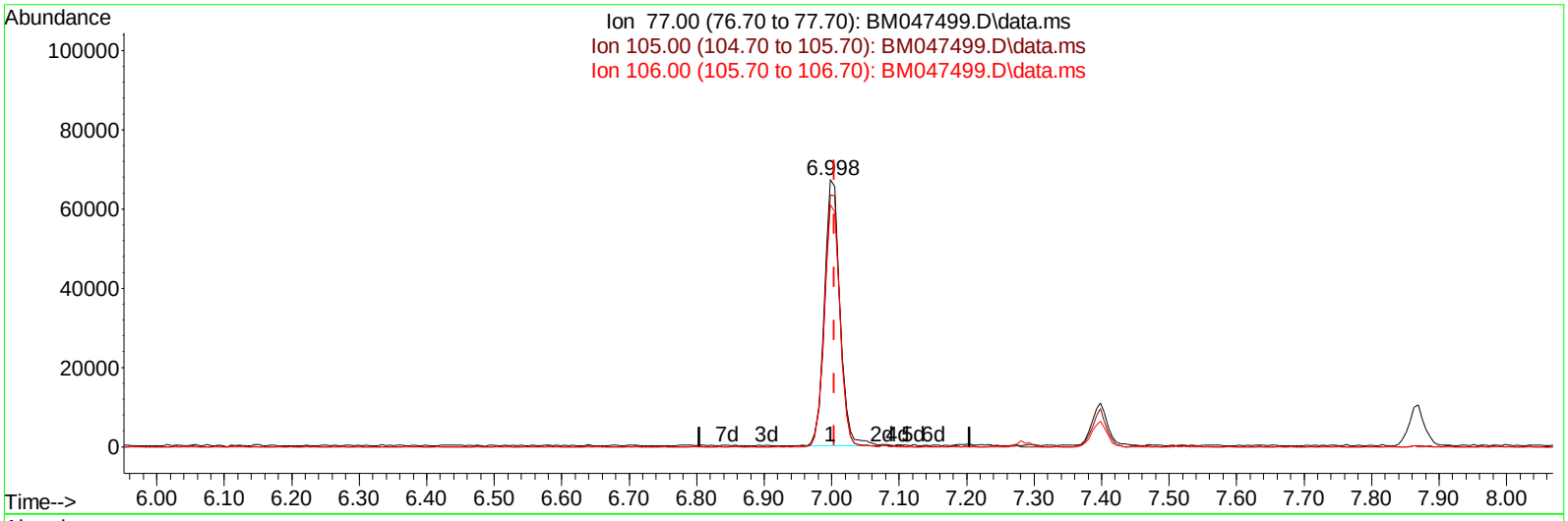

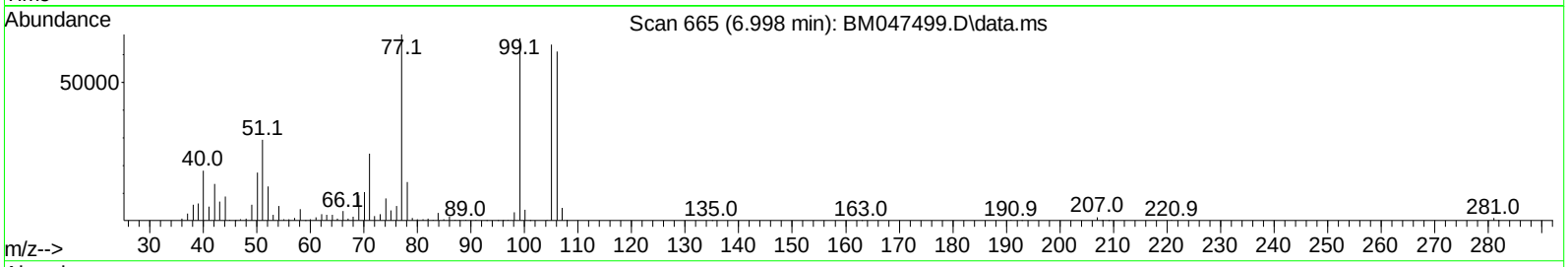

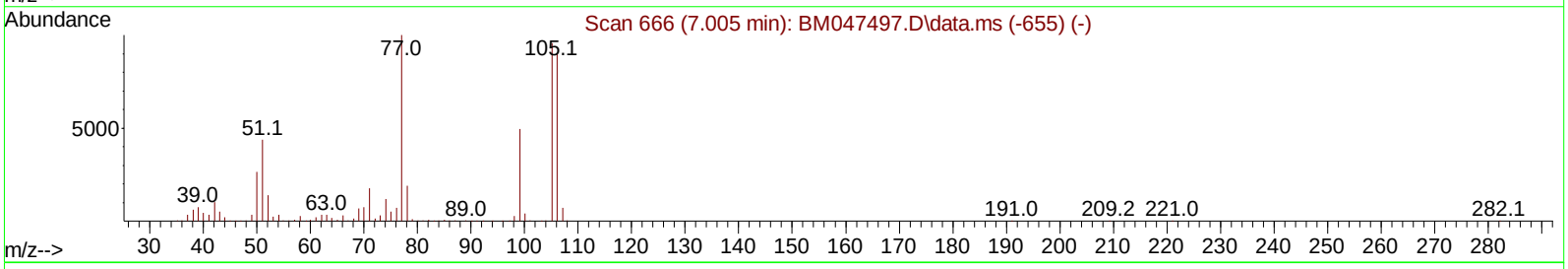

TIC: BM047499.D\data.ms

(6) Benzaldehyde

6.998min (-0.006) 5.33 ng/ul

response 108693

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	94.47
106.00	90.10	90.77
0.00	0.00	0.00

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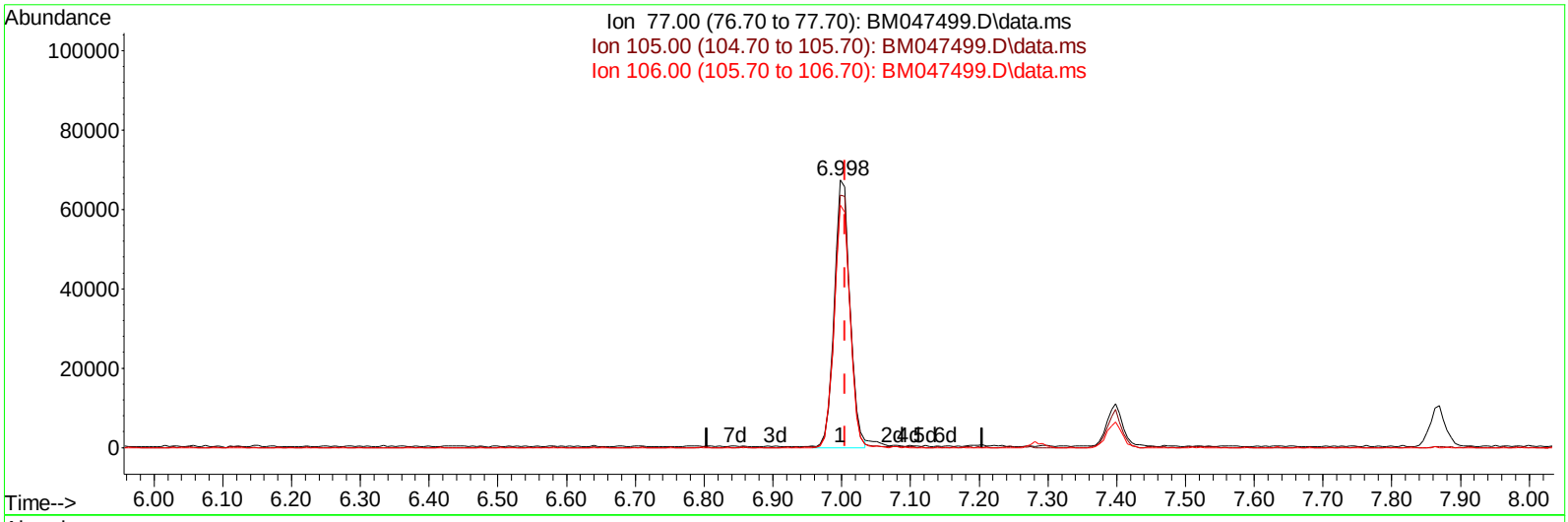

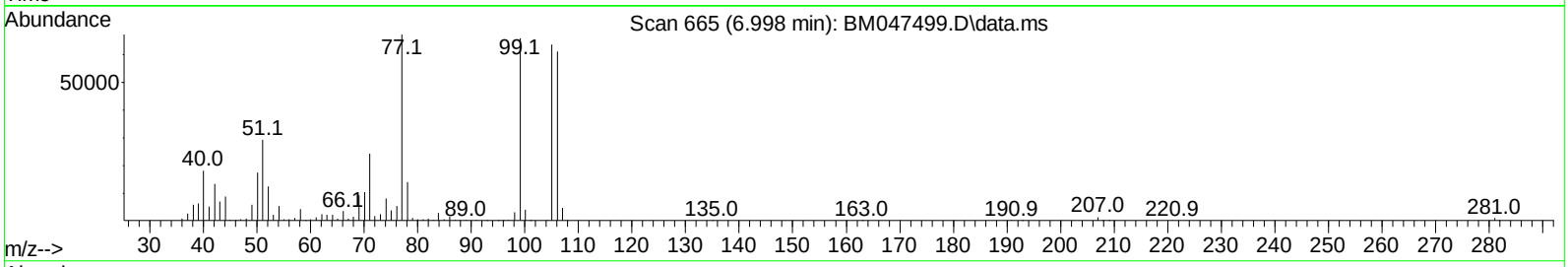

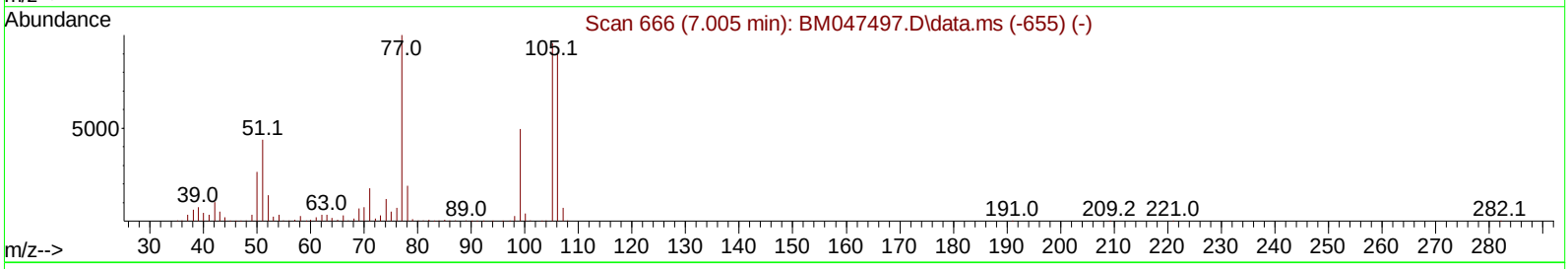

TIC: BM047499.D\data.ms

(6) Benzaldehyde

6.998min (-0.006) 5.27 ng/ul m

response 107474

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	94.50	94.47
106.00	90.10	90.77
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	411256	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1875102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	1168150	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	2383722	20.000	ng/ul	-0.01
79) Chrysene-d12	21.456	240	1953615	20.000	ng/ul	-0.01
88) Perylene-d12	24.497	264	1710843	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	48453	4.752	ng/uL	0.00
4) Pyridine-d5	3.710	84	747237	22.936	ng/ul	0.00
7) Phenol-d5	7.022	99	834285	21.642	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.192	67	531793	22.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.398	132	655599	22.330	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	612357	20.209	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	344079	23.761	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	325891	23.822	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	629535	22.632	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.786	131	920095	20.211	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1868666	21.764	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	2289677	22.100	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	338939	19.924	ng/ul	0.00
60) Fluorene-d10	15.480	176	1692722	22.815	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.586	200	193905	15.387	ng/ul	-0.01
73) Anthracene-d10	17.327	188	2219621	19.337	ng/ul	0.00
81) Pyrene-d10	19.609	212	2782895	24.442	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.291	264	2067087	22.737	ng/ul	-0.02
Target Compounds						Qvalue
5) Pyridine	3.734	79	148872	4.426	ng/ul#	84
6) Benzaldehyde	6.998	77	107474m	5.267	ng/ul	
8) Phenol	7.045	94	169631	4.274	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.287	93	145890	4.649	ng/ul	98
12) 2-Chlorophenol	7.428	128	138267	4.547	ng/ul	99
13) 2-Methylphenol	8.298	108	110301	3.692	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.392	45	204639	4.450	ng/ul	98
16) Acetophenone	8.681	105	222857	4.570	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.669	70	113012	4.367	ng/ul	98
18) 4-Methylphenol	8.622	108	134323	4.118	ng/ul	96
19) Hexachloroethane	8.951	117	59130	4.526	ng/ul	98
22) Nitrobenzene	9.057	77	170383	4.709	ng/ul	96
23) Isophorone	9.586	82	305669	4.236	ng/ul	99
25) 2-Nitrophenol	9.769	139	71523	4.522	ng/ul	96
26) 2,4-Dimethylphenol	9.828	107	60978	1.792	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	195187	4.470	ng/ul	98
29) 2,4-Dichlorophenol	10.304	162	128473	4.556	ng/ul	96
30) Naphthalene	10.710	128	472563	4.574	ng/ul	100
32) 4-Chloroaniline	10.810	127	189218	4.225	ng/ul	99
33) Hexachlorobutadiene	11.010	225	77129	4.585	ng/ul	99
34) Caprolactam	11.580	113	64278	5.918	ng/ul	94
35) 4-Chloro-3-methylphenol	11.927	107	126839	3.994	ng/ul	98
36) 2-Methylnaphthalene	12.322	142	313264	4.411	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	321616	4.483	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.686	216	153185	4.417	ng/ul	98
40) Hexachlorocyclopentadiene	12.674	237	89084	3.736	ng/ul	98
41) 2,4,6-Trichlorophenol	12.927	196	86893	4.083	ng/ul	97
42) 2,4,5-Trichlorophenol	12.992	196	92694	4.008	ng/ul	99
43) 1,1'-Biphenyl	13.333	154	406997	4.420	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	319134	4.519	ng/ul	99
45) 2-Nitroaniline	13.563	65	80539	3.920	ng/ul	96
47) Dimethylphthalate	13.945	163	385490	4.420	ng/ul	98
48) 2,6-Dinitrotoluene	14.057	165	64564	4.057	ng/ul	98
50) Acenaphthylene	14.216	152	531693	4.747	ng/ul	99
51) 3-Nitroaniline	14.380	138	69991	3.767	ng/ul	100
52) Acenaphthene	14.557	153	352223	4.427	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	34184	3.904	ng/ul	96
55) 4-Nitrophenol	14.680	109	61647	4.304	ng/ul	98
56) Dibenzofuran	14.892	168	474172	4.585	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	97589	4.258	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.110	232	74403	4.180	ng/ul#	99
59) Diethylphthalate	15.310	149	402000	4.357	ng/ul	99
61) Fluorene	15.539	166	394254	4.368	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.533	204	188503	4.510	ng/ul	97
63) 4-Nitroaniline	15.539	138	72192	3.926	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.604	198	49669	3.487	ng/ul	98
67) N-Nitrosodiphenylamine	15.739	169	312618	4.219	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	107245	4.349	ng/ul	98
69) Hexachlorobenzene	16.539	284	122327	4.341	ng/ul	99
70) Atrazine	16.686	200	104511	4.015	ng/ul	97
71) Pentachlorophenol	16.880	266	104759	5.907	ng/ul	99
72) Phenanthrene	17.268	178	604010	4.442	ng/ul	99
74) Anthracene	17.362	178	535814	3.891	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	144514	4.169	ng/uL	99
76) Pentachlorobenzene	14.810	250	152668	4.459	ng/uL	97
77) Carbazole	17.621	167	527635	4.191	ng/ul	99
78) Di-n-butylphthalate	18.198	149	673850	4.152	ng/ul	100
80) Fluoranthene	19.274	202	646925	4.821	ng/ul	99
82) Pyrene	19.639	202	701942	4.908	ng/ul	99
83) Butylbenzylphthalate	20.539	149	267673	4.099	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.356	252	141779	3.070	ng/ul	100
85) Benzo(a)anthracene	21.439	228	610141	4.372	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.374	149	432166	4.365	ng/ul	100
87) Chrysene	21.497	228	574317	4.461	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	645677	4.724	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	521897	4.752	ng/ul	99
91) Benzo(k)fluoranthene	23.597	252	494326	4.583	ng/ul	98
93) Benzo(a)pyrene	24.350	252	457647	4.536	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.926	276	495184	4.002	ng/ul	97
95) Dibenzo(a,h)anthracene	27.997	278	411617	4.086	ng/ul	98
96) Benzo(g,h,i)perylene	28.997	276	398436	4.216	ng/ul	99

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

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