Quantitation Report (Qedit)

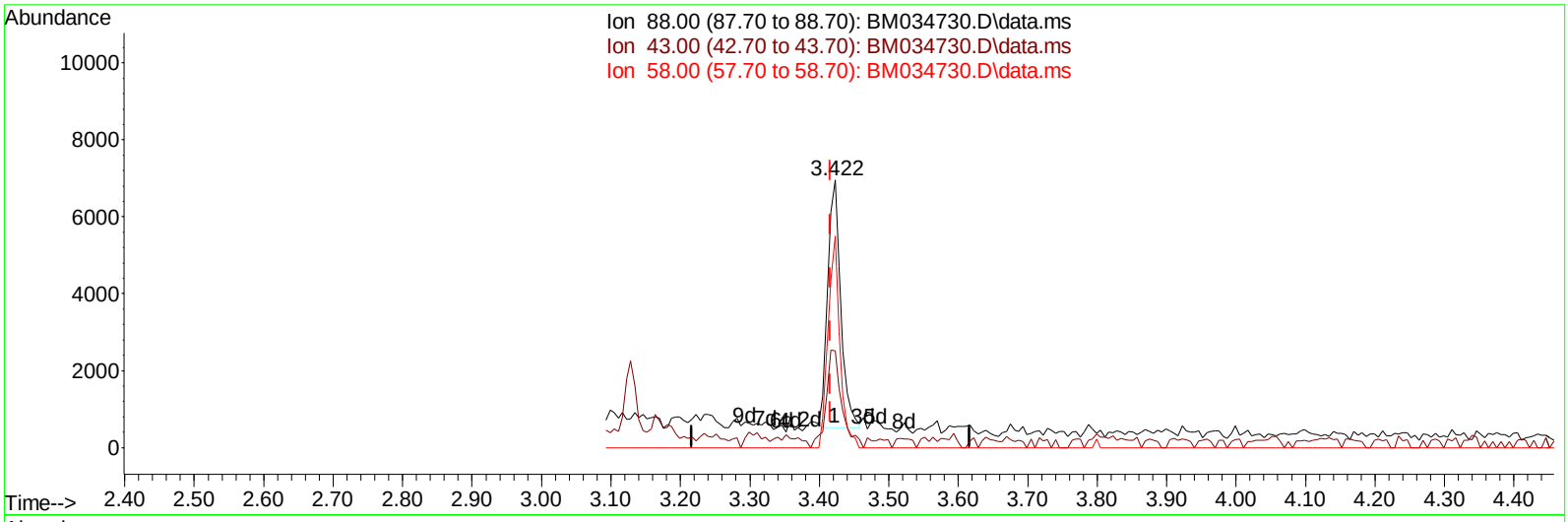
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042122\
Data File : BM034730.D
Acq On : 20 Apr 2022 18:59
Operator : CG/JU
Sample : SSTD00525
Misc :
ALS Vial : 2 Sample Multiplier: 1

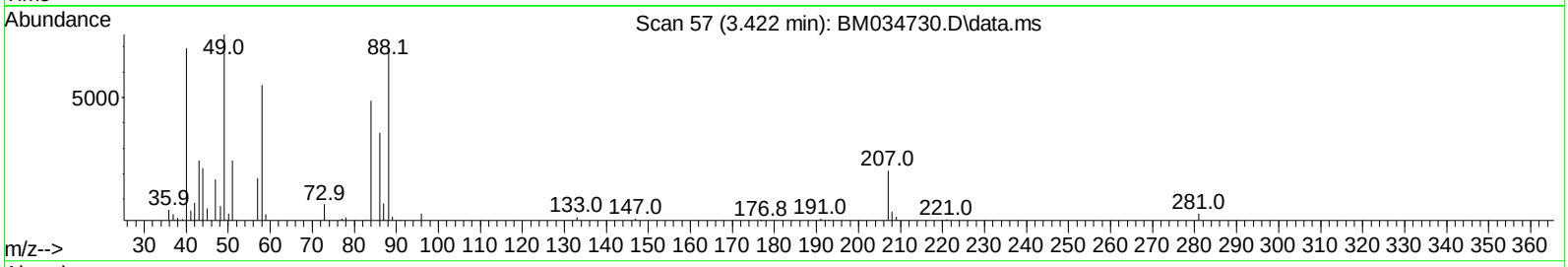
Quant Time: Apr 21 03:33:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 03:29:13 2022
Response via : Initial Calibration

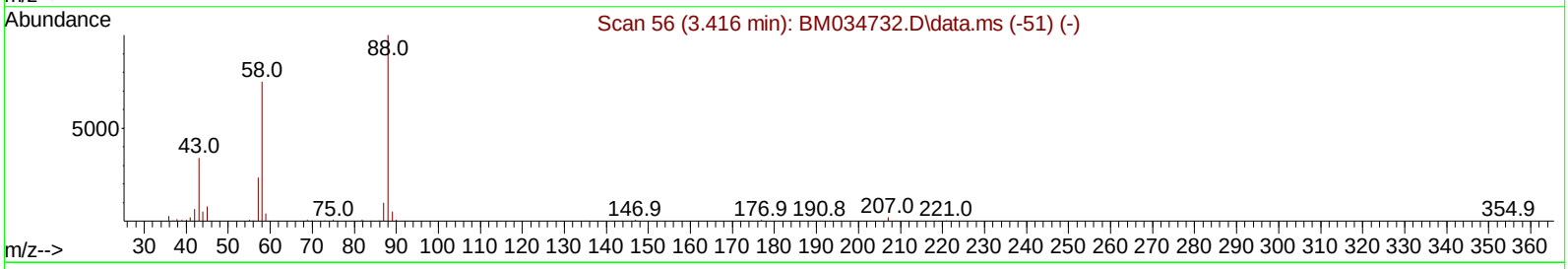
Instrument :
BNA_M
ClientSampleId :
SSTD005025

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
Supervised By :mohammad ahmed 04/26/2022







TIC: BM034730.D\data.ms

(2) 1,4-Dioxane

3.422min (+ 0.006) 1.80 ng/uL

response 8477

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	34.50	36.18
58.00	74.40	79.18
0.00	0.00	0.00

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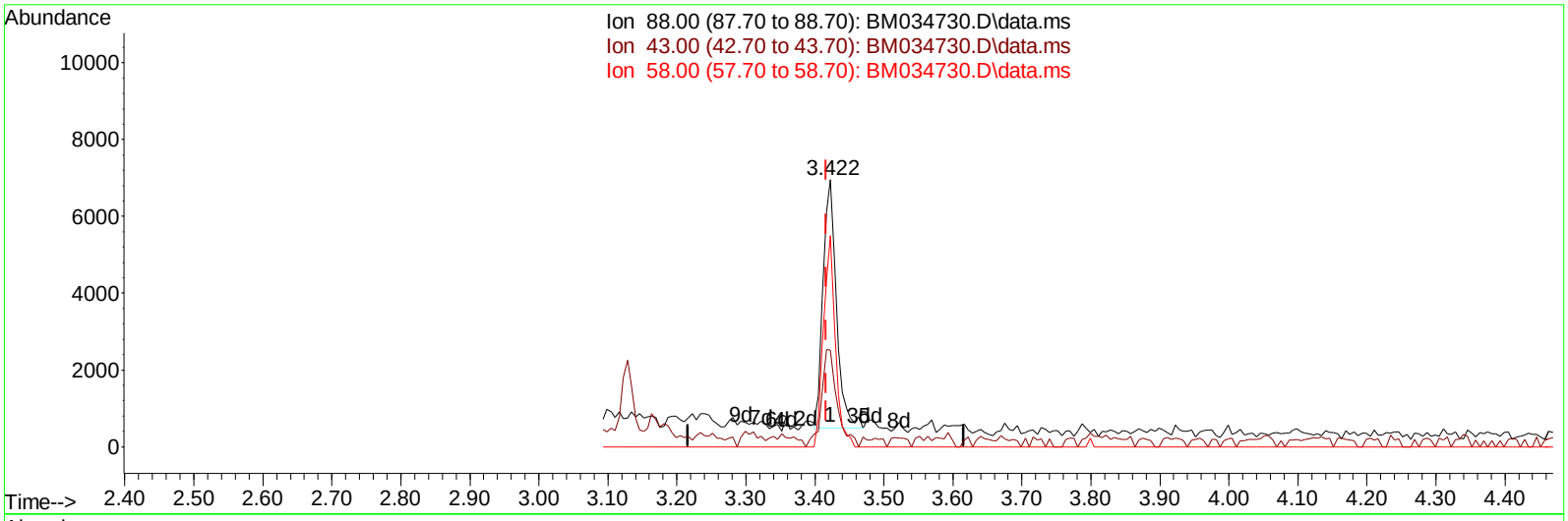

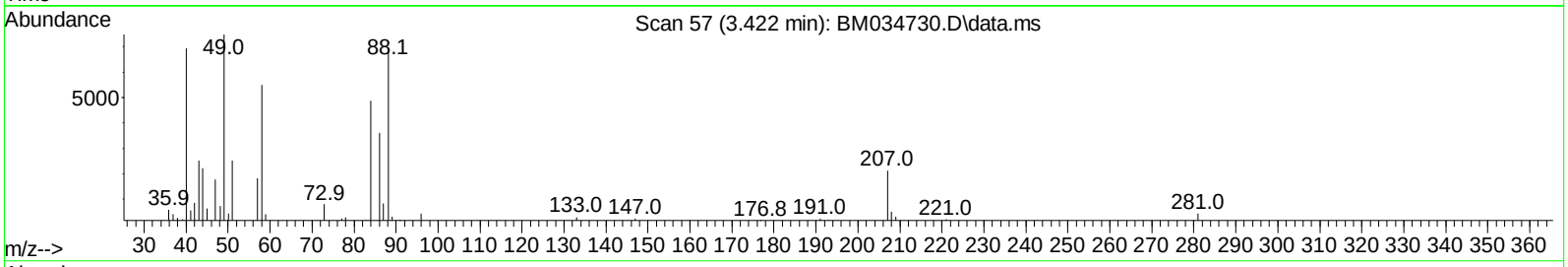

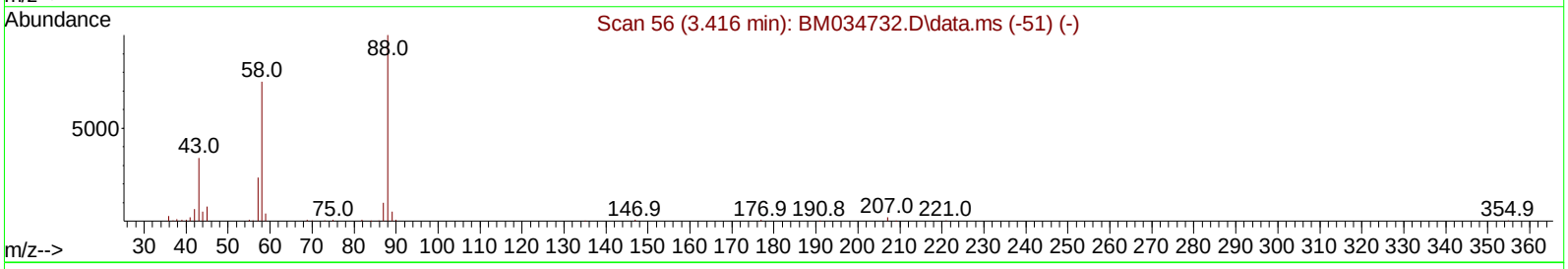

TIC: BM034730.D\data.ms

(2) 1,4-Dioxane

3.422min (+ 0.006) 1.85 ng/uL m

response 8725

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	34.50	36.18
58.00	74.40	79.18
0.00	0.00	0.00

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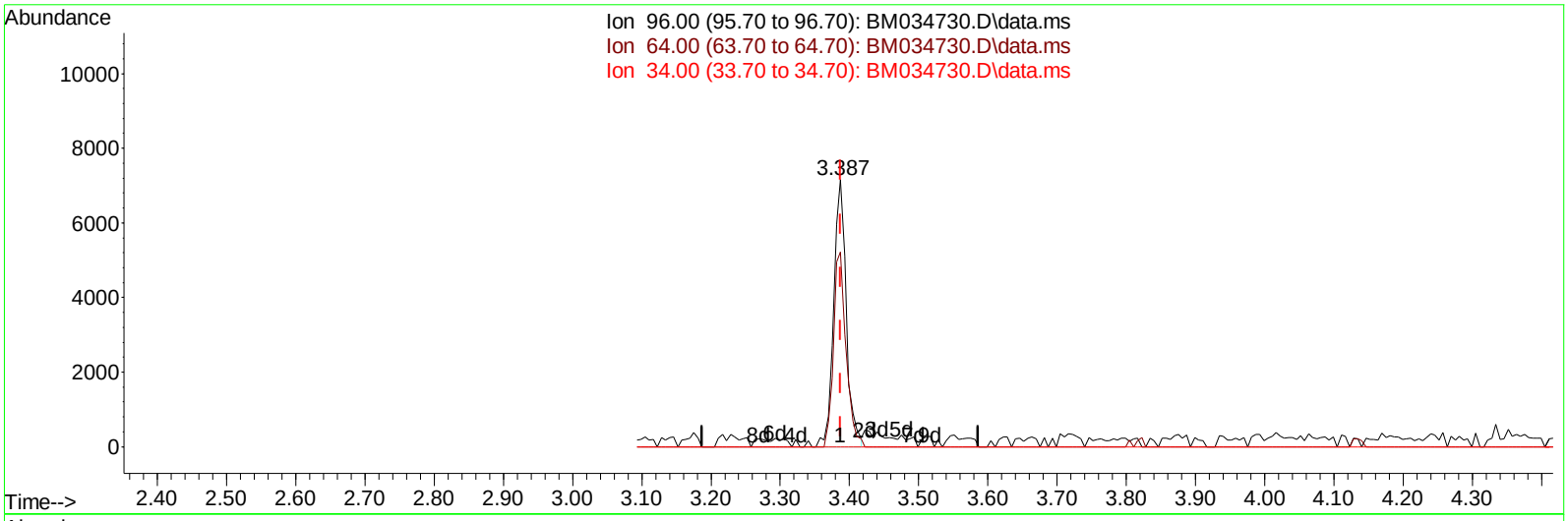

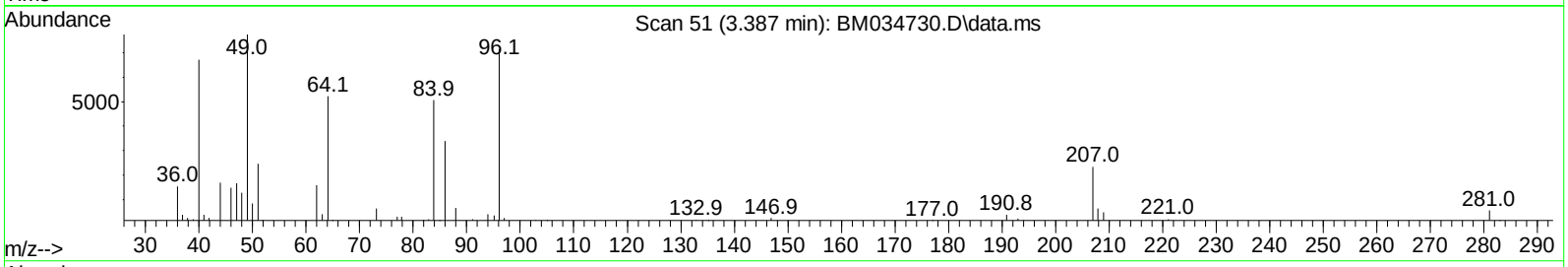

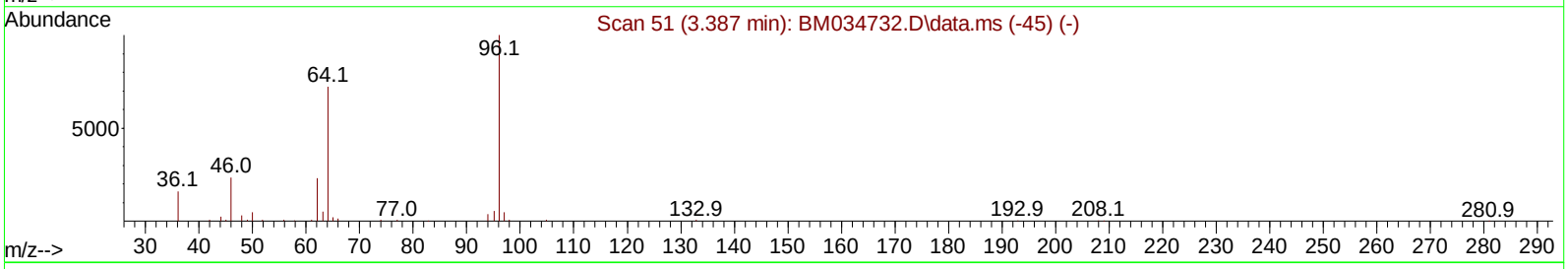

TIC: BM034730.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.387min (+ 0.000) 1.94 ng/uL

response 8989

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.40	72.94
34.00	0.00	0.00
0.00	0.00	0.00

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Sample : SSTD00525
Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
SSTD005025

Manual IntegrationsAPPROVED

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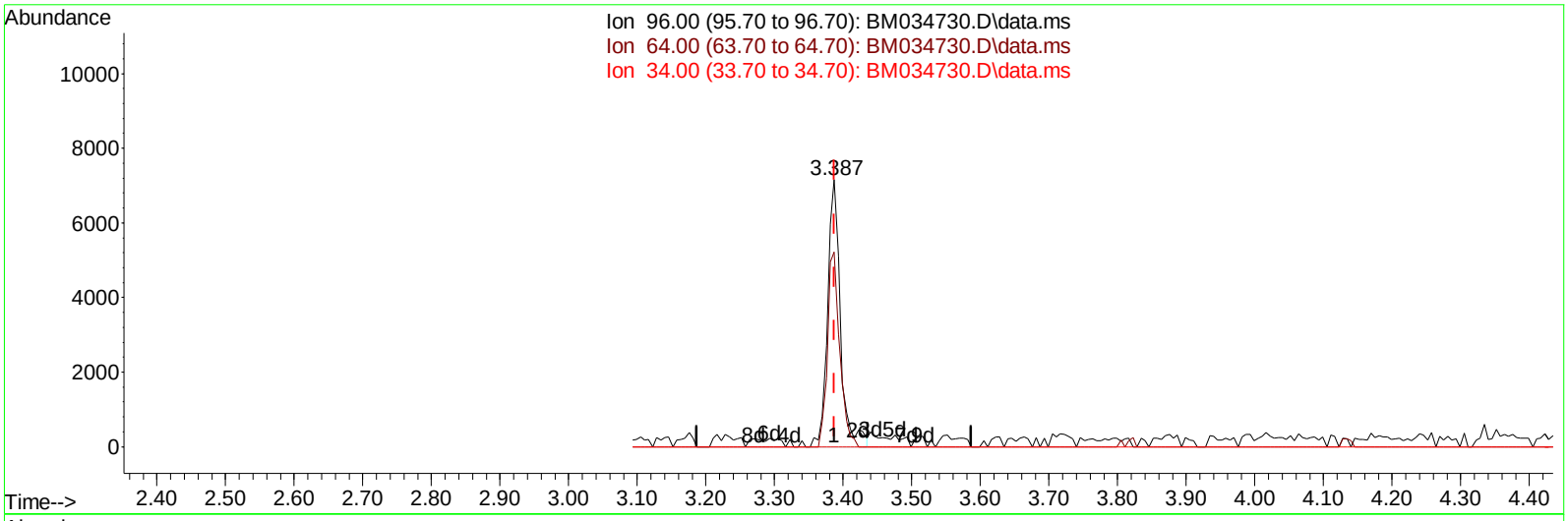

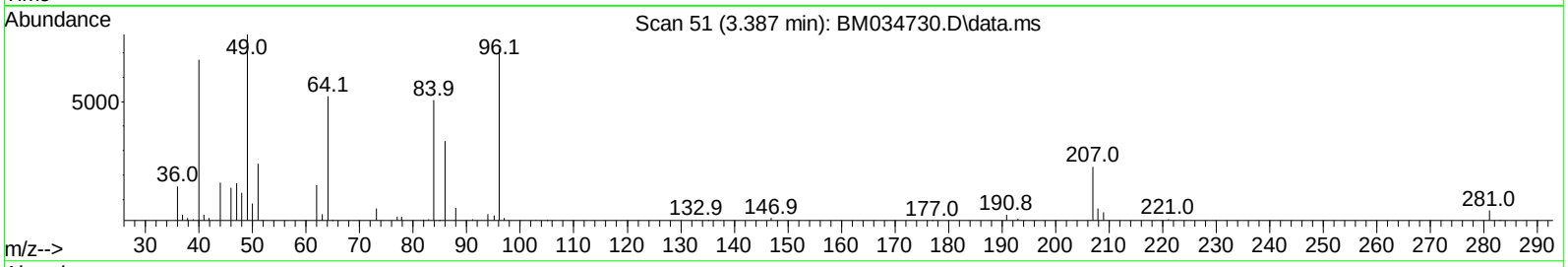

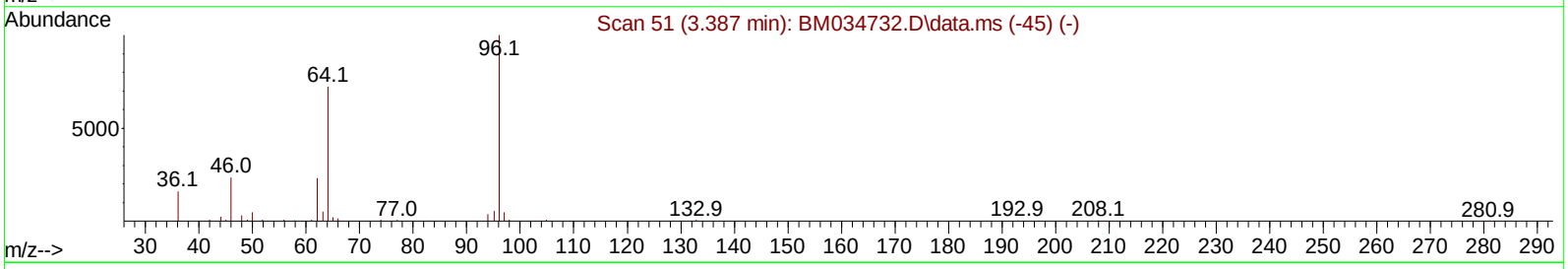

TIC: BM034730.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.387min (+ 0.000) 2.02 ng/uL m

response 9368

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	72.40	72.94
34.00	0.00	0.00
0.00	0.00	0.00

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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	7.952	152	199799	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	772542	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	471674	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.322	188	907039	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	837684	20.000	ng/ul	0.00
88) Perylene-d12	23.892	264	858319	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	9368m	2.017	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.481	132	58562	4.629	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.104	128	24028	4.573	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	21955	4.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	52333	4.104	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.992	166	160503	4.540	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	197844	4.385	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.569	176	141157	4.603	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.416	188	204955	4.623	ng/ul	0.00
81) Pyrene-d10	19.704	212	214702	4.799	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	193571	4.390	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	8725m	1.848	ng/uL	
12) 2-Chlorophenol	7.510	128	59409	4.643	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.757	70	40421	4.774	ng/ul	99
19) Hexachloroethane	9.040	117	25720	4.846	ng/ul	95
22) Nitrobenzene	9.146	77	57020	4.795	ng/ul	99
23) Isophorone	9.681	82	104211	4.512	ng/ul	97
25) 2-Nitrophenol	9.857	139	25218	4.226	ng/ul	96
26) 2,4-Dimethylphenol	9.922	107	62580	4.681	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.163	93	67076	4.616	ng/ul	98
29) 2,4-Dichlorophenol	10.393	162	53770	4.403	ng/ul	95
30) Naphthalene	10.804	128	189425	4.768	ng/ul	98
33) Hexachlorobutadiene	11.104	225	39918	4.348	ng/ul	96
35) 4-Chloro-3-methylphenol	12.028	107	49801	4.368	ng/ul	98
36) 2-Methylnaphthalene	12.410	142	128404	4.643	ng/ul	100
37) 1-Methylnaphthalene	12.628	142	128834	4.616	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.781	216	67944	4.019	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	36697	3.687	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	40772	3.885	ng/ul	97
43) 1,1'-Biphenyl	13.422	154	173105	4.409	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	133862	4.384	ng/ul	100
45) 2-Nitroaniline	13.651	65	24658	4.327	ng/ul	98
47) Dimethylphthalate	14.039	163	158024	4.645	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	22499	3.996	ng/ul#	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.298	152	202553	4.558	ng/ul	98
52) Acenaphthene	14.645	153	137967	4.742	ng/ul	98
56) Dibenzofuran	14.975	168	198247	4.709	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	31833	4.020	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.198	232	30446	3.602	ng/ul#	96
59) Diethylphthalate	15.398	149	151270	4.574	ng/ul	97
61) Fluorene	15.622	166	158497	4.655	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.622	204	80217	4.397	ng/ul	99
67) N-Nitrosodiphenylamine	15.827	169	130539	4.802	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	44755	4.205	ng/ul	97
69) Hexachlorobenzene	16.627	284	52936	4.224	ng/ul	94
72) Phenanthrene	17.363	178	240247	4.828	ng/ul	99
74) Anthracene	17.451	178	235939	4.673	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.381	216	68327	4.207	ng/uL	96
76) Pentachlorobenzene	14.898	250	63705	4.258	ng/uL	98
78) Di-n-butylphthalate	18.298	149	220757	4.409	ng/ul	98
80) Fluoranthene	19.374	202	251099	4.868	ng/ul	100
82) Pyrene	19.733	202	266793	5.036	ng/ul	99
83) Butylbenzylphthalate	20.639	149	80477	4.643	ng/ul	98
85) Benzo(a)anthracene	21.480	228	245076	4.722	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.421	149	135112	4.877	ng/ul	96
87) Chrysene	21.533	228	242011	4.795	ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	247164	4.625	ng/ul	99
91) Benzo(k)fluoranthene	23.209	252	237972	4.746	ng/ul	100
93) Benzo(a)pyrene	23.786	252	241165	4.661	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.374	276	282424	4.541	ng/ul	97
95) Dibenzo(a,h)anthracene	26.397	278	243852	4.552	ng/ul#	94
96) Benzo(g,h,i)perylene	27.139	276	240162	4.517	ng/ul	96

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

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