Quantitation Report (Qedit)

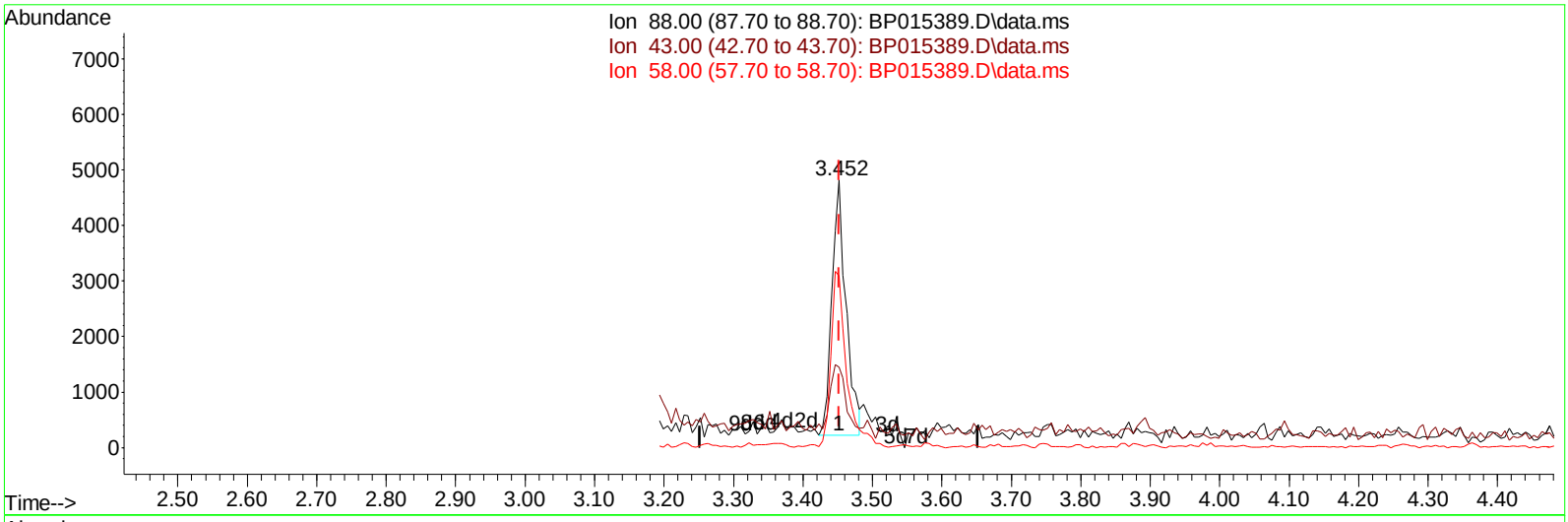
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060723\
Data File : BP015389.D
Acq On : 07 Jun 2023 09:35
Operator : MA/JU
Sample : SSTD00583
Misc :
ALS Vial : 2 Sample Multiplier: 1

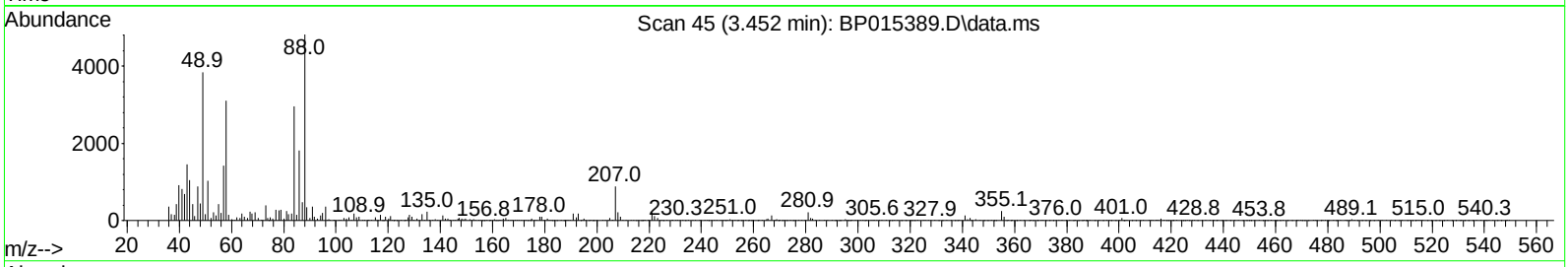
Quant Time: Jun 07 23:18:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 07 13:01:04 2023
Response via : Initial Calibration

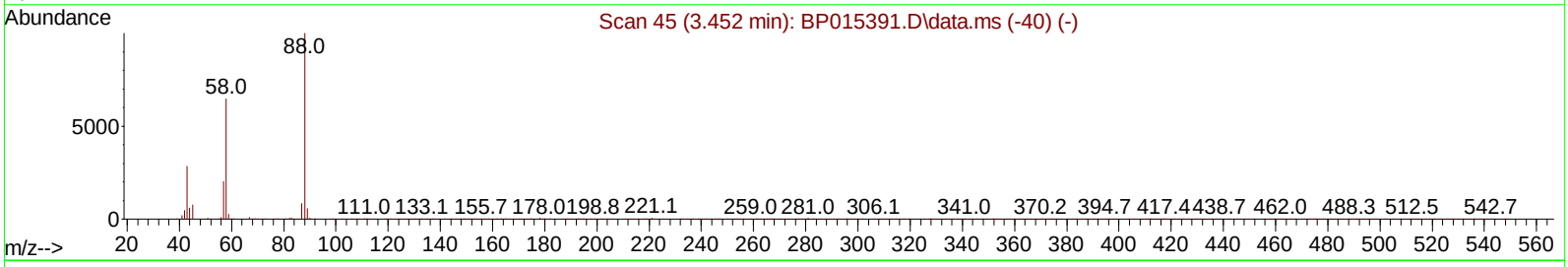
Instrument :
BNA_P
ClientSampleId :
SSTD005625

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2023
Supervised By :mohammad ahmed 06/08/2023







TIC: BP015389.D\data.ms

(2) 1,4-Dioxane

3.452min (0.000) 1.86 ng/uL

response 6573

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.90	30.04
58.00	64.30	64.33
0.00	0.00	0.00

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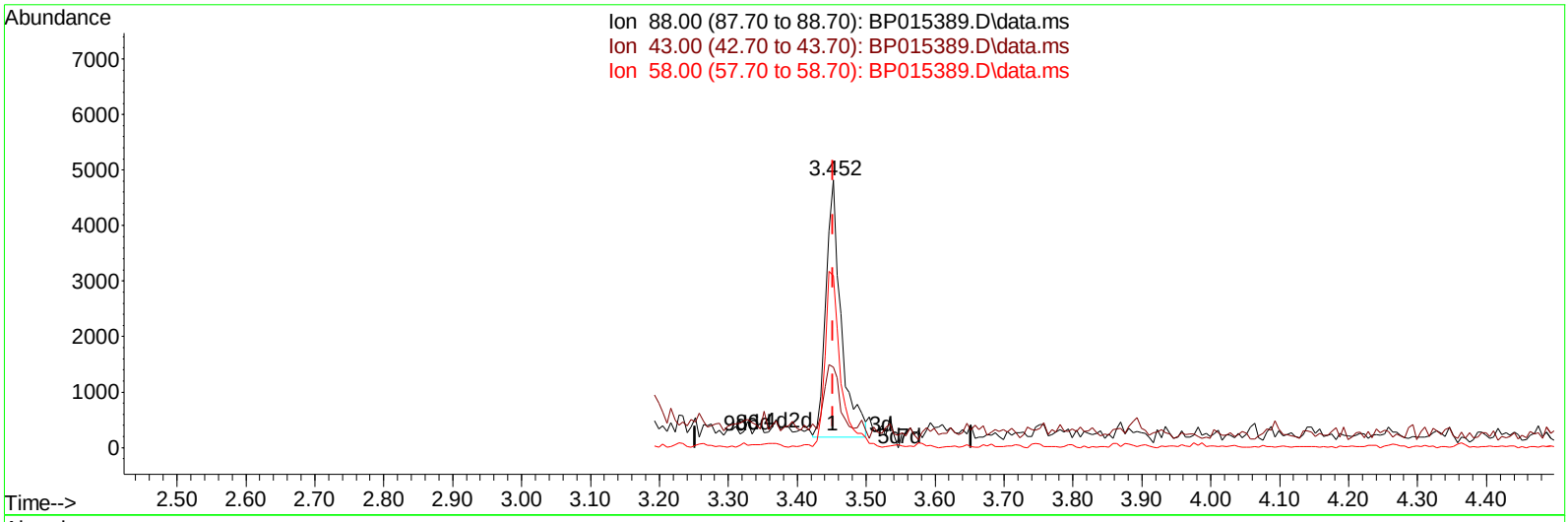

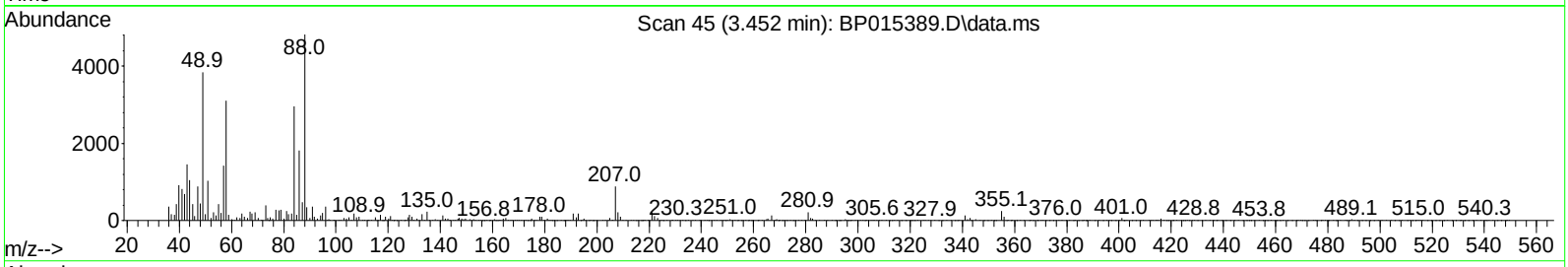

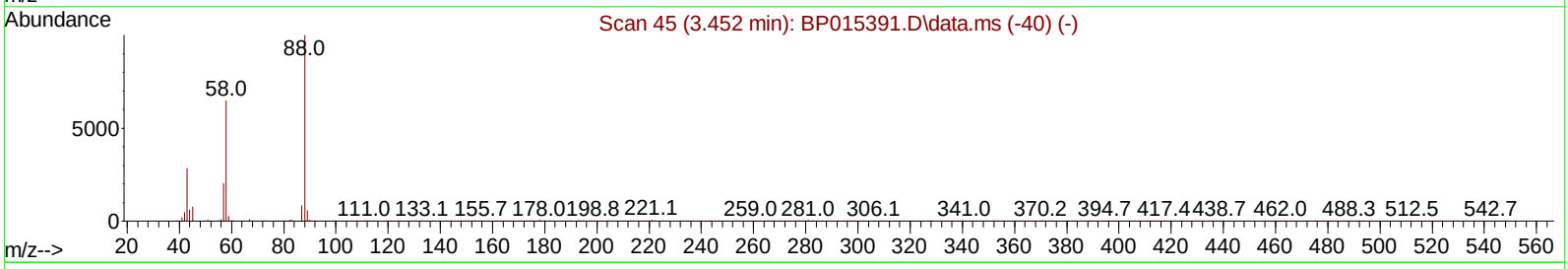

TIC: BP015389.D\data.ms

(2) 1,4-Dioxane

3.452min (0.000) 2.02 ng/uL m

response 7157

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	29.90	30.04
58.00	64.30	64.33
0.00	0.00	0.00

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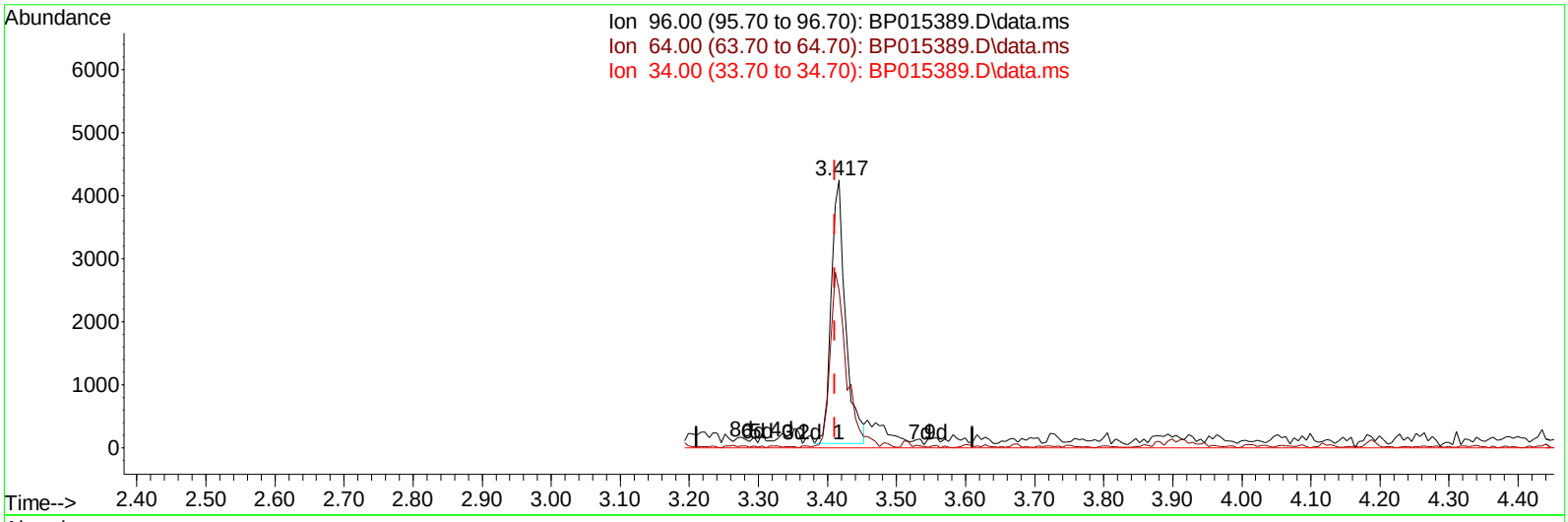

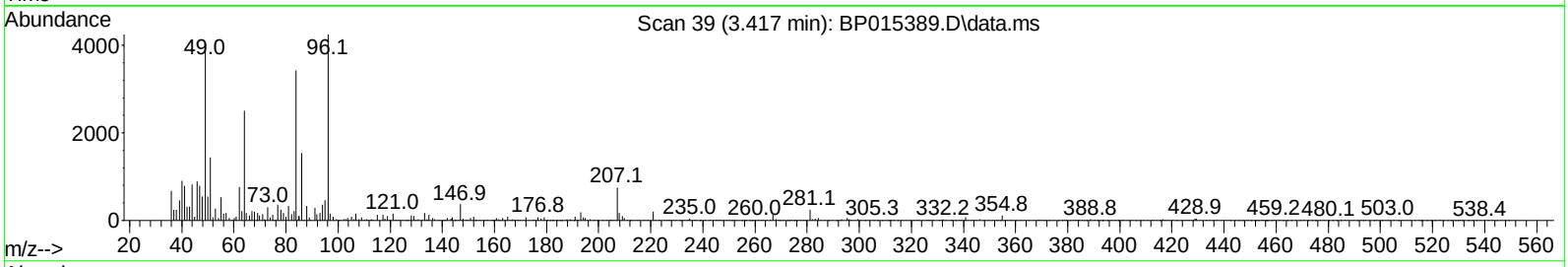

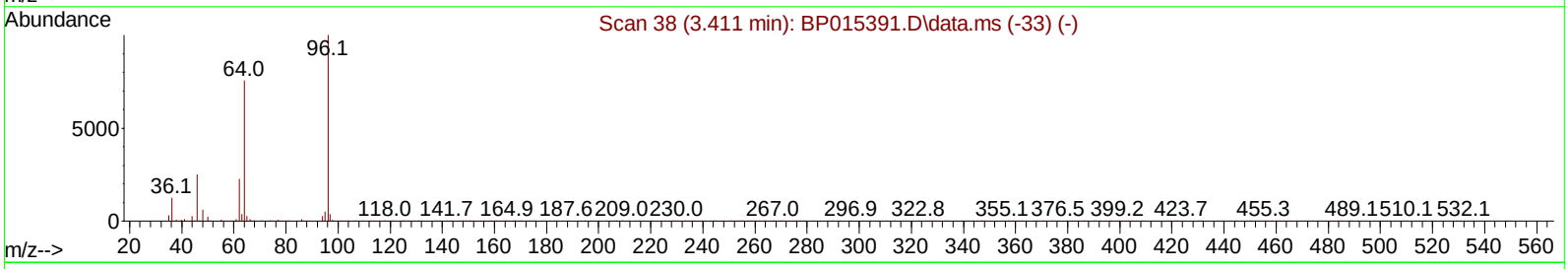

TIC: BP015389.D\data.ms

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

3.417min (+ 0.006) 1.83 ng/uL

response 6135

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.60	58.91#
34.00	0.00	0.00
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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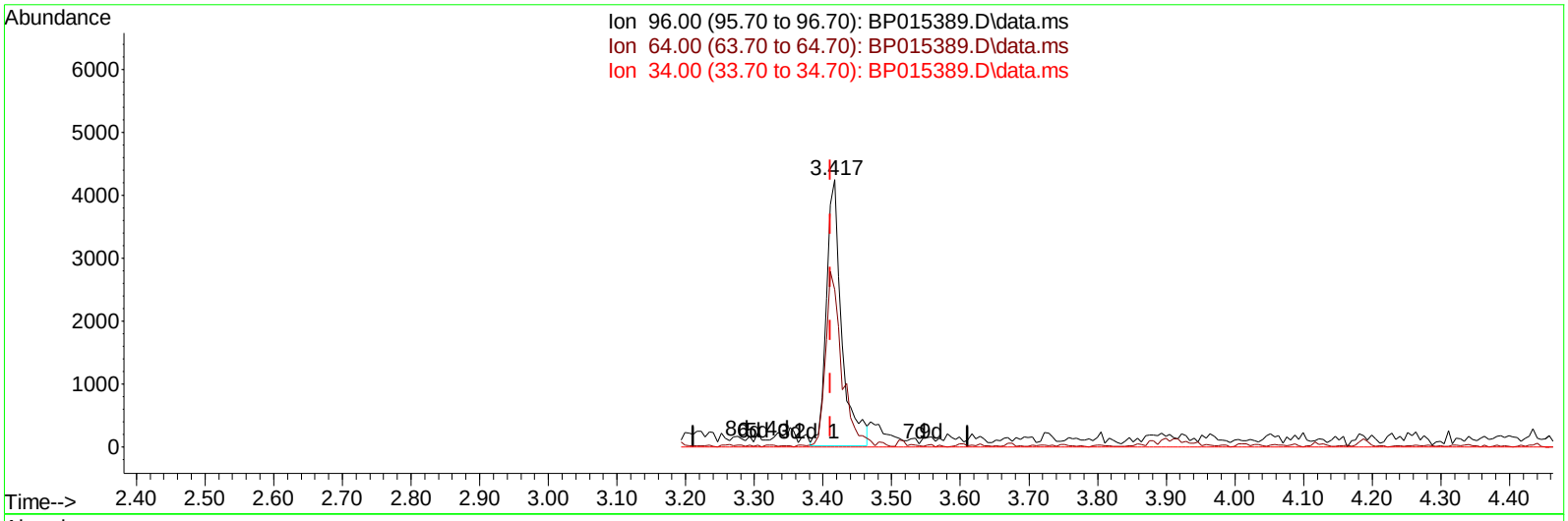

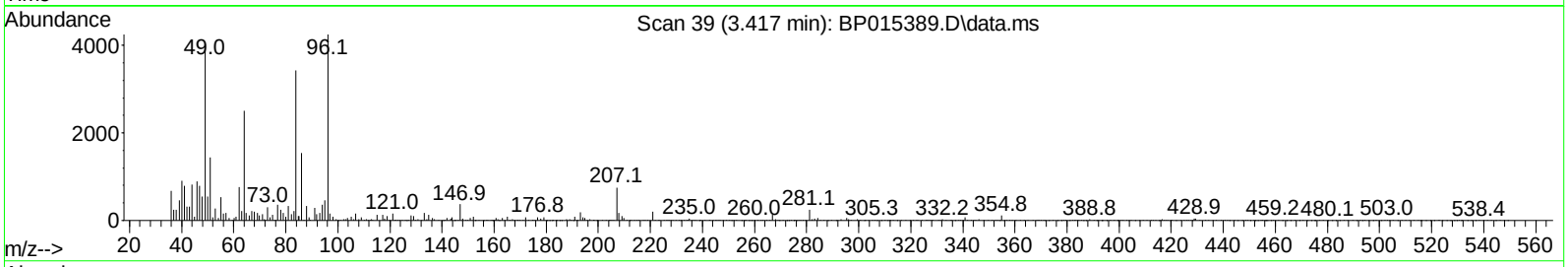

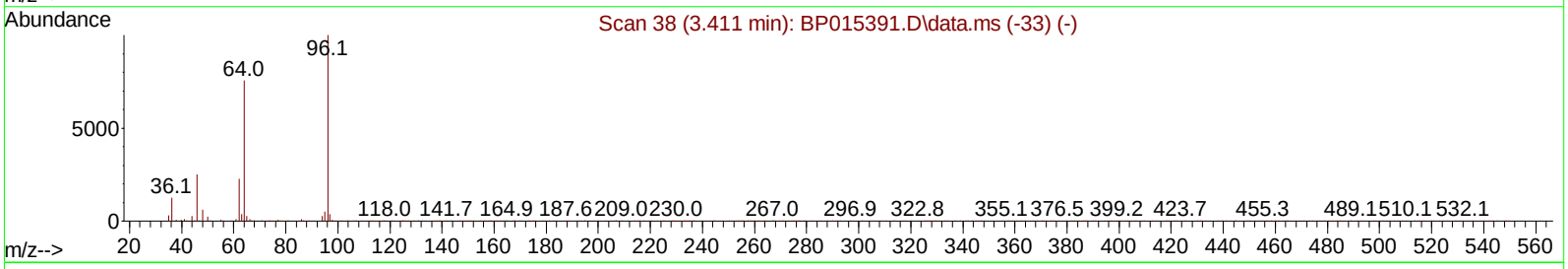

TIC: BP015389.D\data.ms

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

3.417min (+ 0.006) 1.96 ng/uL m

response 6579

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	75.60	58.91#
34.00	0.00	0.00
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	125982	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	574487	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	420594	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.498	188	997573	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1037017	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	1171195	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	6579m	1.959	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	7.628	132	36447	4.331	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.281	128	19451	4.313	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	21296	4.135	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	40023	4.260	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.146	166	154784	4.667	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	162418	4.479	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.740	176	133537	4.775	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.598	188	213575	4.706	ng/ul	0.00
81) Pyrene-d10	19.822	212	254569	4.587	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.969	264	269894	4.593	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	7157m	2.024	ng/uL	
12) 2-Chlorophenol	7.663	128	38890	4.374	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.910	70	37935	4.624	ng/ul	96
19) Hexachloroethane	9.193	117	17079	4.546	ng/ul	95
22) Nitrobenzene	9.322	77	51823	4.333	ng/ul	99
23) Isophorone	9.846	82	106928	4.466	ng/ul	99
25) 2-Nitrophenol	10.040	139	22994	4.135	ng/ul	95
26) 2,4-Dimethylphenol	10.093	107	52175	4.424	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.328	93	63596	4.568	ng/ul	98
29) 2,4-Dichlorophenol	10.581	162	38188	4.088	ng/ul	98
30) Naphthalene	10.981	128	144853	4.653	ng/ul	98
33) Hexachlorobutadiene	11.257	225	29458	4.676	ng/ul	98
35) 4-Chloro-3-methylphenol	12.210	107	48796	4.311	ng/ul	97
36) 2-Methylnaphthalene	12.581	142	103898	4.747	ng/ul	100
37) 1-Methylnaphthalene	12.799	142	104302	4.734	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.946	216	57605	4.398	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	34263	3.931	ng/ul	97
42) 2,4,5-Trichlorophenol	13.263	196	39110	4.117	ng/ul	99
43) 1,1'-Biphenyl	13.581	154	149117	4.585	ng/ul	99
44) 2-Chloronaphthalene	13.628	162	115795	4.538	ng/ul	99
45) 2-Nitroaniline	13.834	65	30477	3.732	ng/ul	97
47) Dimethylphthalate	14.193	163	161977	4.730	ng/ul	99
48) 2,6-Dinitrotoluene	14.322	165	28347	4.040	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.469	152	184009	4.582	ng/ul	99
52) Acenaphthene	14.810	153	129636	4.670	ng/ul	98
56) Dibenzofuran	15.145	168	186660	4.744	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	42054	4.075	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.375	232	36362	4.240	ng/ul	95
59) Diethylphthalate	15.551	149	164986	4.701	ng/ul	99
61) Fluorene	15.792	166	156248	4.871	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.781	204	79949	4.946	ng/ul	99
67) N-Nitrosodiphenylamine	15.998	169	132728	4.690	ng/ul	99
68) 4-Bromophenyl-phenylether	16.681	248	48639	4.557	ng/ul	96
69) Hexachlorobenzene	16.798	284	58959	4.683	ng/ul	93
72) Phenanthrene	17.545	178	252017	4.708	ng/ul	99
74) Anthracene	17.634	178	260022	4.787	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.551	216	60065	4.363	ng/uL	98
76) Pentachlorobenzene	15.063	250	66733	4.629	ng/uL	99
78) Di-n-butylphthalate	18.434	149	284216	4.580	ng/ul	99
80) Fluoranthene	19.498	202	310942	4.599	ng/ul	100
82) Pyrene	19.851	202	331226	4.735	ng/ul	100
83) Butylbenzylphthalate	20.704	149	133309	4.312	ng/ul	96
85) Benzo(a)anthracene	21.563	228	337255	4.652	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	198547	4.345	ng/ul	99
87) Chrysene	21.622	228	321706	4.695	ng/ul	99
90) Benzo(b)fluoranthene	23.345	252	360745	4.772	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	343768	4.704	ng/ul	99
93) Benzo(a)pyrene	24.021	252	306744	4.654	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	378596	4.438	ng/ul	99
95) Dibenzo(a,h)anthracene	26.862	278	306997	4.417	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	314341	4.472	ng/ul	98

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

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