Quantitation Report (Qedit)

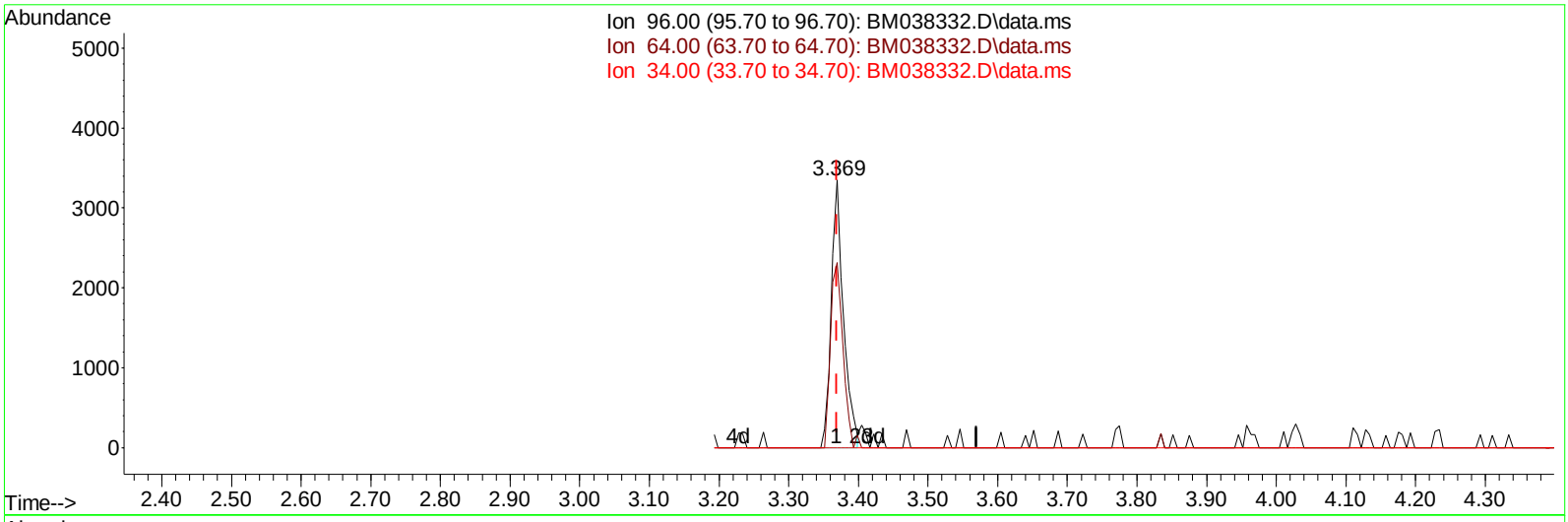
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038332.D
Acq On : 28 Dec 2022 17:10
Operator : CG/JU
Sample : SSTD00509
Misc :
ALS Vial : 2 Sample Multiplier: 1

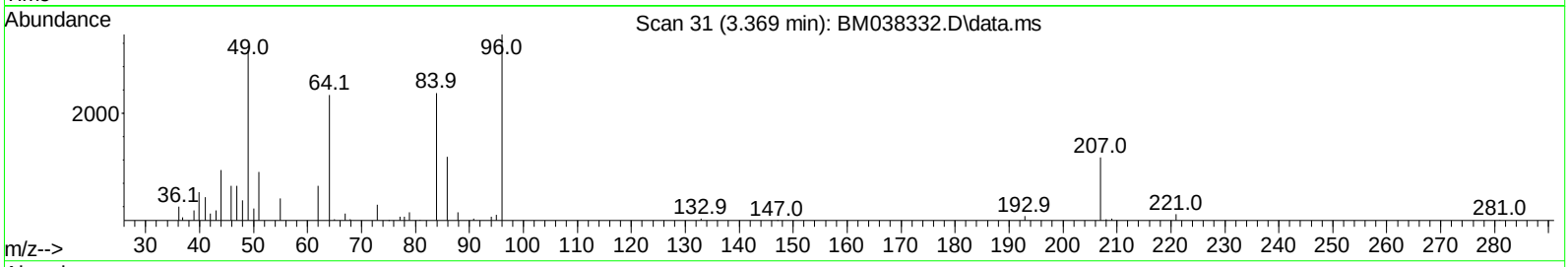
Quant Time: Dec 29 01:55:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 01:45:50 2022
Response via : Initial Calibration

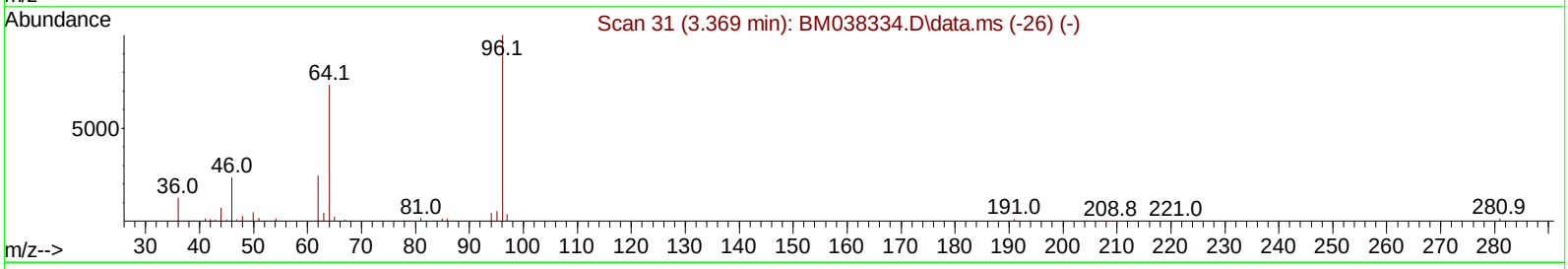
Instrument :
BNA_M
ClientSampleId :
SSTD005012

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023







TIC: BM038332.D\data.ms

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

3.369min (-0.000) 2.48 ng/uL

response 4102

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.30	69.12
34.00	0.00	0.00
0.00	0.00	0.00

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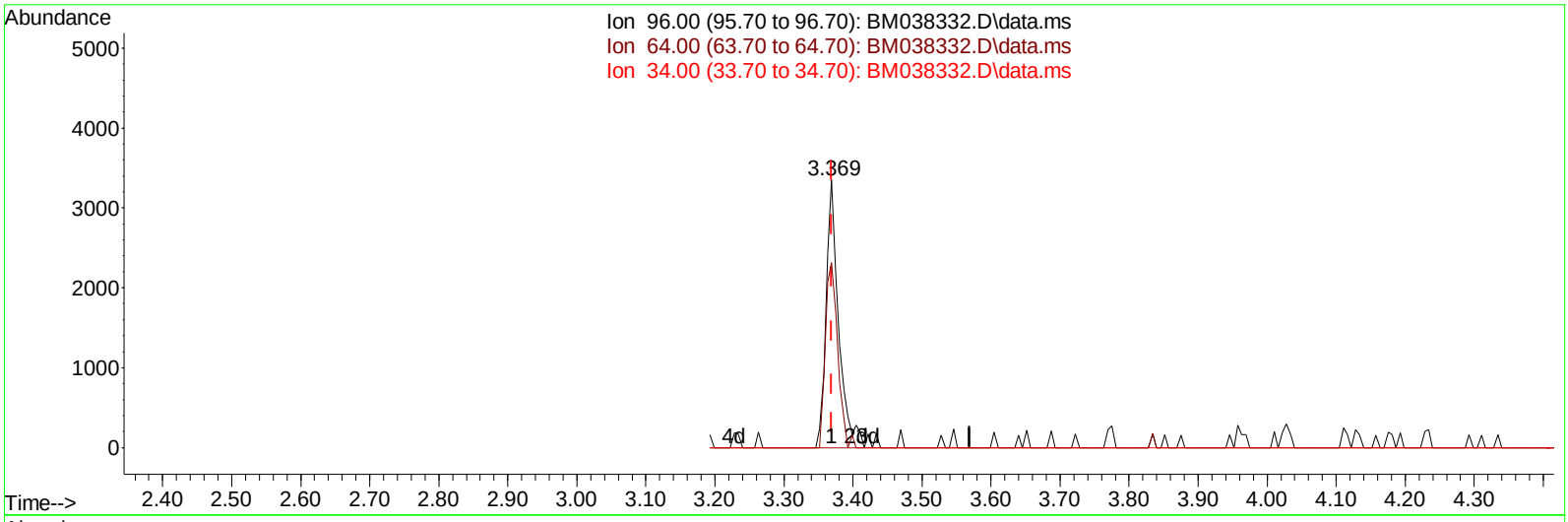

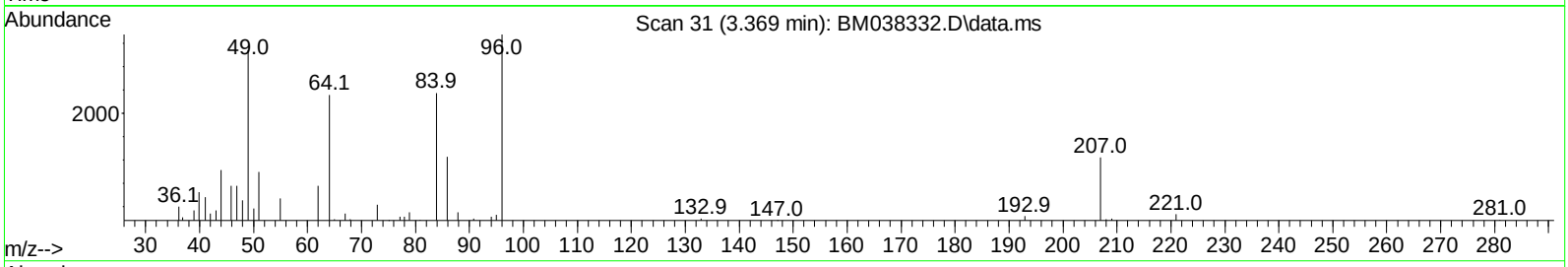

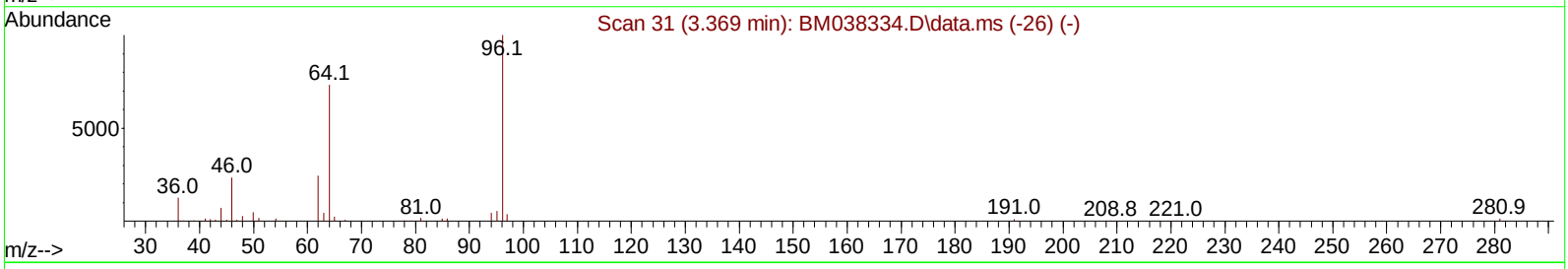

TIC: BM038332.D\data.ms

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

3.369min (-0.000) 2.58 ng/uL m

response 4266

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.30	69.12
34.00	0.00	0.00
0.00	0.00	0.00

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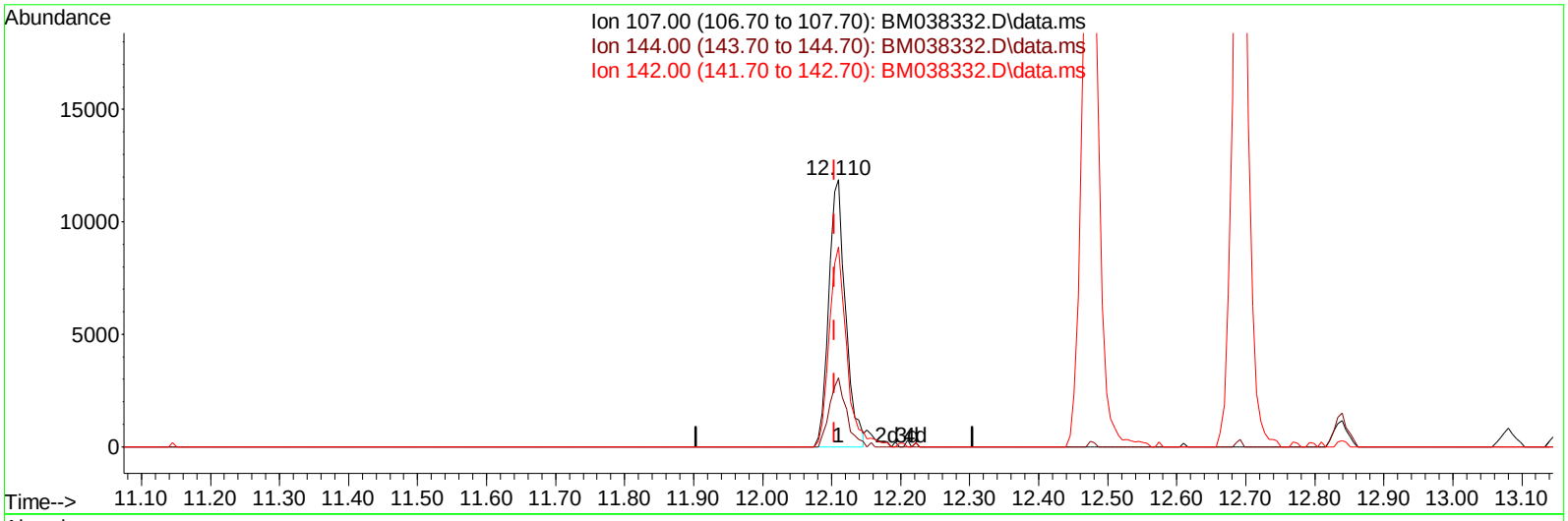

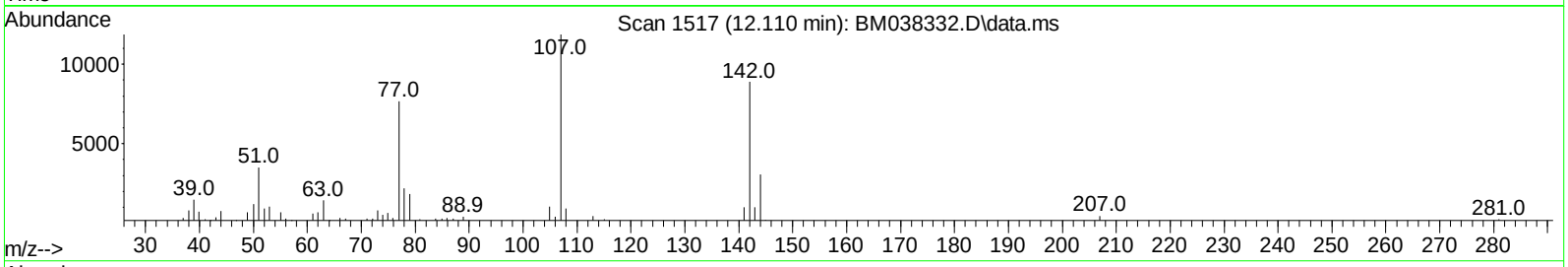

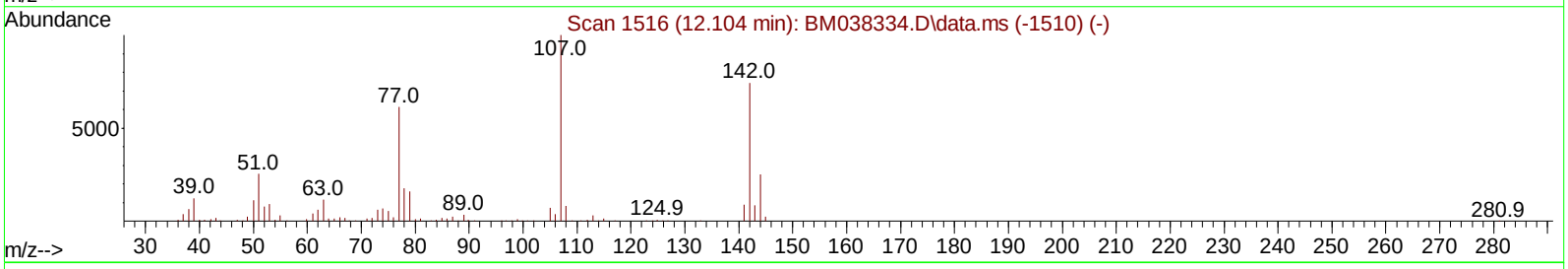

TIC: BM038332.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

12.110min (+ 0.006) 5.13 ng/ul

response 20217

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	25.10	25.73
142.00	74.30	74.90
0.00	0.00	0.00

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ClientSampleId :
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Manual IntegrationsAPPROVED

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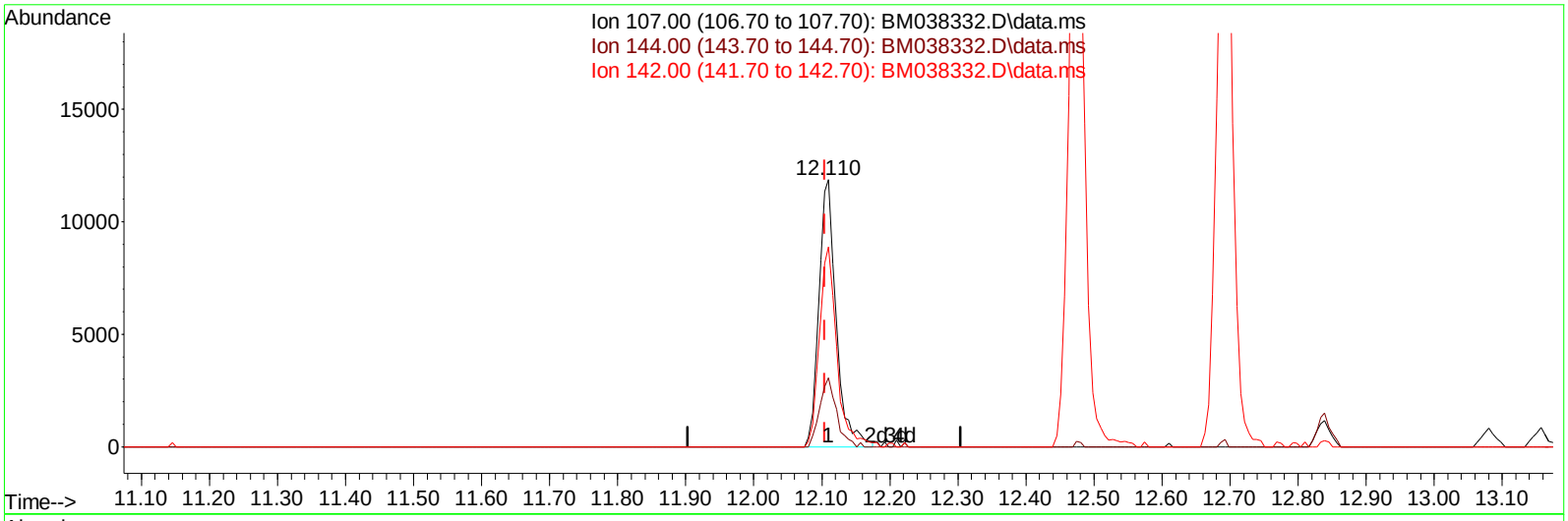

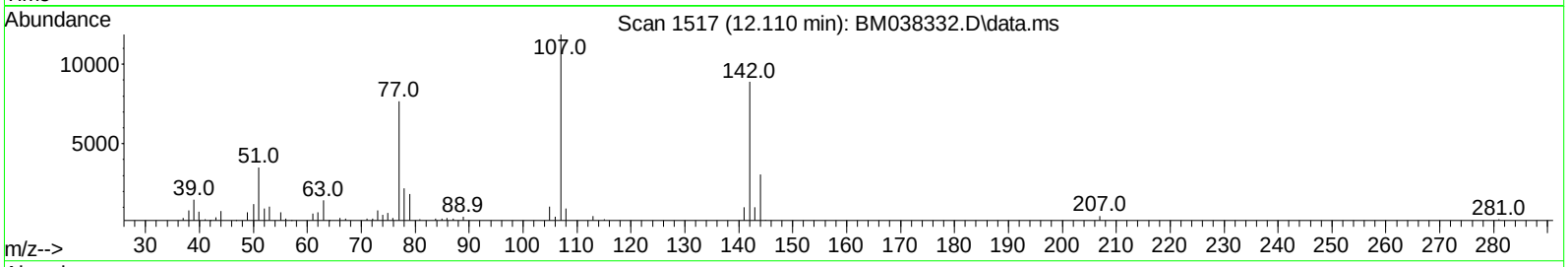

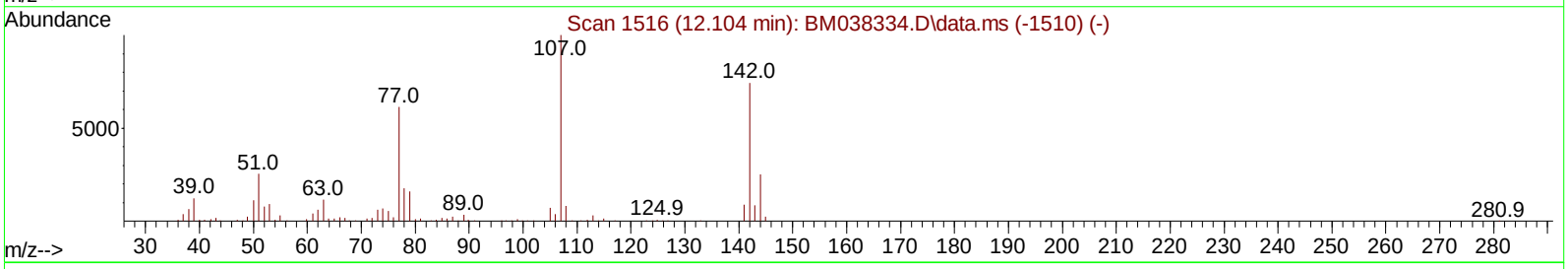

TIC: BM038332.D\data.ms

(35) 4-Chloro-3-methylphenol (C)

12.110min (+ 0.006) 5.31 ng/ul m

response 20933

Ion	Exp%	Act%
107.00	100.00	100.00
144.00	25.10	25.73
142.00	74.30	74.90
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	8.004	152	75037	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	280213	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	180745	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	413458	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	432597	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	501972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	4266m	2.581	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	7.534	132	20825	4.163	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.175	128	9876	4.451	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	10792	4.642	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	21816	4.940	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.045	166	64154	4.979	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	72339	4.593	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.627	176	56060	4.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.474	188	88832	4.604	ng/ul	0.00
81) Pyrene-d10	19.762	212	108888	4.190	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	113019	4.508	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	4116	2.374	ng/uL	93
12) 2-Chlorophenol	7.569	128	21596	4.222	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.816	70	19375	5.494	ng/ul	94
19) Hexachloroethane	9.087	117	10475	5.122	ng/ul	94
22) Nitrobenzene	9.222	77	29180	6.113	ng/ul	97
23) Isophorone	9.745	82	50855	5.814	ng/ul	98
25) 2-Nitrophenol	9.939	139	10511	4.312	ng/ul	95
26) 2,4-Dimethylphenol	9.992	107	25942	5.503	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.228	93	32035	5.509	ng/ul	97
29) 2,4-Dichlorophenol	10.469	162	20618	4.759	ng/ul	97
30) Naphthalene	10.869	128	69482	4.595	ng/ul	97
33) Hexachlorobutadiene	11.145	225	18447	6.472	ng/ul	96
35) 4-Chloro-3-methylphenol	12.110	107	20933m	5.308	ng/ul	
36) 2-Methylnaphthalene	12.475	142	45941	4.684	ng/ul	99
37) 1-Methylnaphthalene	12.692	142	45504	4.537	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.839	216	31147	5.274	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.080	196	18692	5.196	ng/ul	97
42) 2,4,5-Trichlorophenol	13.157	196	18911	5.041	ng/ul	94
43) 1,1'-Biphenyl	13.475	154	64008	4.406	ng/ul	98
44) 2-Chloronaphthalene	13.522	162	52935	4.723	ng/ul	98
45) 2-Nitroaniline	13.733	65	13353	4.945	ng/ul	95
47) Dimethylphthalate	14.092	163	66077	5.197	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	11487	4.652	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Acenaphthylene	14.363	152	74069	4.277	ng/ul	96
52) Acenaphthene	14.704	153	53907	4.501	ng/ul	96
56) Dibenzofuran	15.033	168	77480	4.738	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	15907	4.756	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	17552	5.562	ng/ul#	97
59) Diethylphthalate	15.445	149	66942	5.285	ng/ul	99
61) Fluorene	15.680	166	63476	4.760	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.674	204	35568	5.457	ng/ul	96
67) N-Nitrosodiphenylamine	15.886	169	52211	4.186	ng/ul	98
68) 4-Bromophenyl-phenylether	16.568	248	21511	4.746	ng/ul	97
69) Hexachlorobenzene	16.680	284	26412	4.882	ng/ul	97
72) Phenanthrene	17.421	178	101905	4.513	ng/ul	99
74) Anthracene	17.510	178	101088	4.405	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.445	216	31137	4.658	ng/uL	99
76) Pentachlorobenzene	14.957	250	30365	4.586	ng/uL	99
78) Di-n-butylphthalate	18.333	149	111352	4.712	ng/ul	98
80) Fluoranthene	19.433	202	124024	4.044	ng/ul	99
82) Pyrene	19.792	202	134983	4.229	ng/ul	97
83) Butylbenzylphthalate	20.674	149	49725	4.190	ng/ul	94
85) Benzo(a)anthracene	21.533	228	140853	4.836	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.445	149	77753	4.503	ng/ul	98
87) Chrysene	21.586	228	136910	5.010	ng/ul	98
90) Benzo(b)fluoranthene	23.239	252	143137	4.599	ng/ul	100
91) Benzo(k)fluoranthene	23.286	252	139420	4.623	ng/ul	97
93) Benzo(a)pyrene	23.874	252	126820	4.634	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.521	276	161395	4.579	ng/ul	98
95) Dibenzo(a,h)anthracene	26.538	278	132110	4.446	ng/ul	99
96) Benzo(g,h,i)perylene	27.309	276	134415	4.777	ng/ul	97

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

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