Quantitation Report (Qedit)

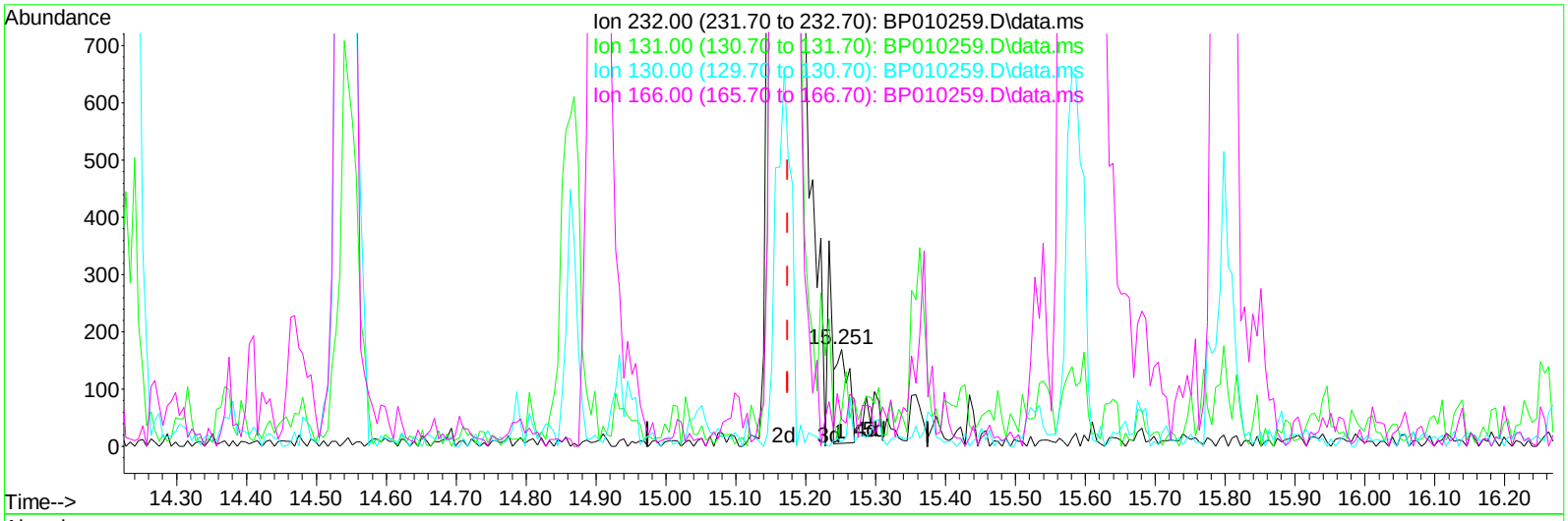
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
Data File : BP010259.D
Acq On : 10 May 2022 10:59
Operator : CG/JU
Sample : SSTD00530
Misc :
ALS Vial : 2 Sample Multiplier: 1

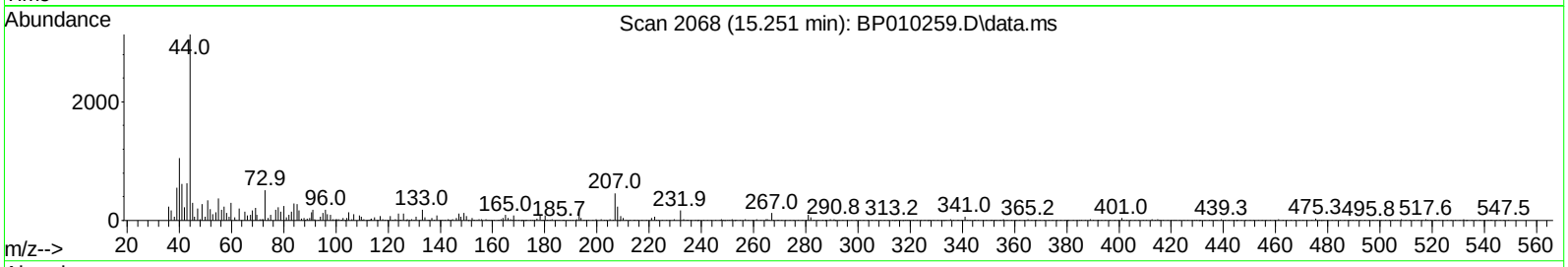
Quant Time: May 10 15:18:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 15:17:10 2022
Response via : Initial Calibration

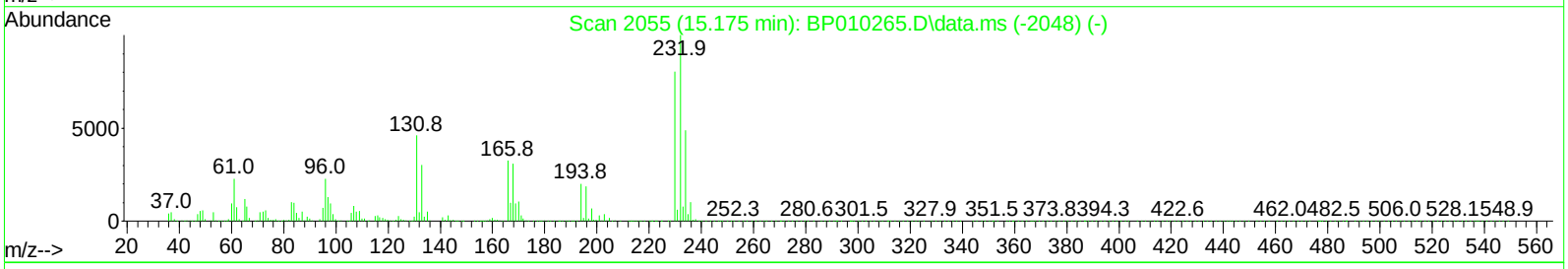
Instrument :
BNA_P
ClientSampleId :
SSTD005630

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
Supervised By :mohammad ahmed 05/12/2022







TIC: BP010259.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.251min (+ 0.077) 0.02 ng/ul

response 197

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	31.80	35.29
130.00	5.20	4.71
166.00	35.10	28.24

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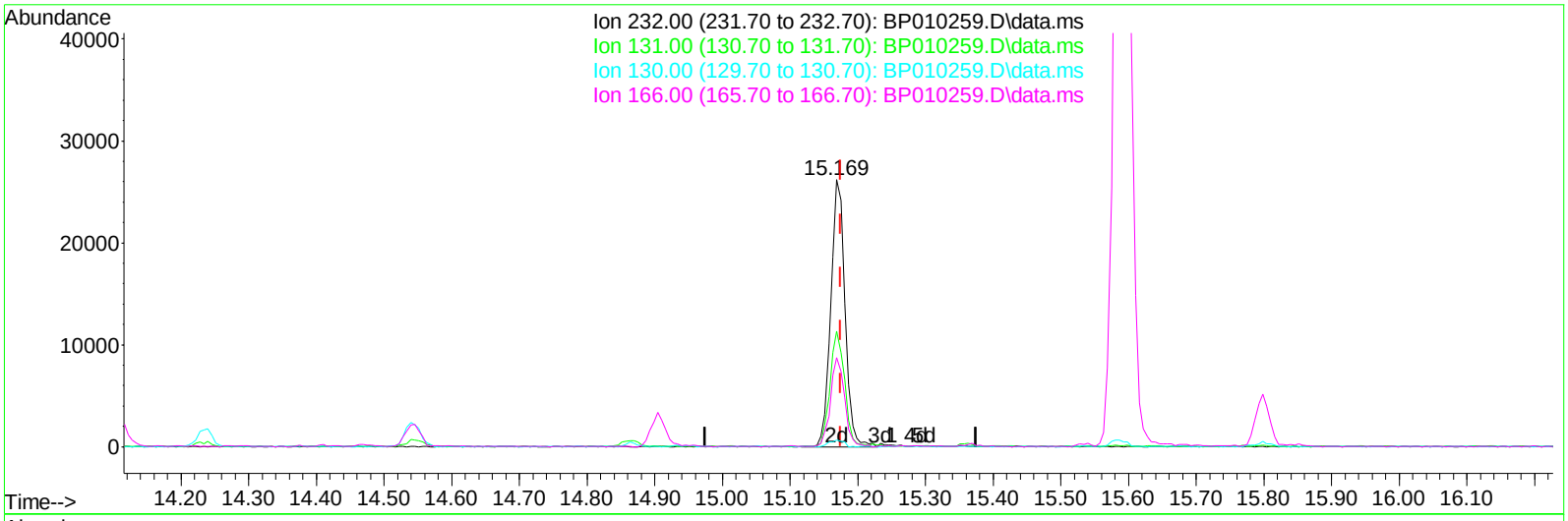

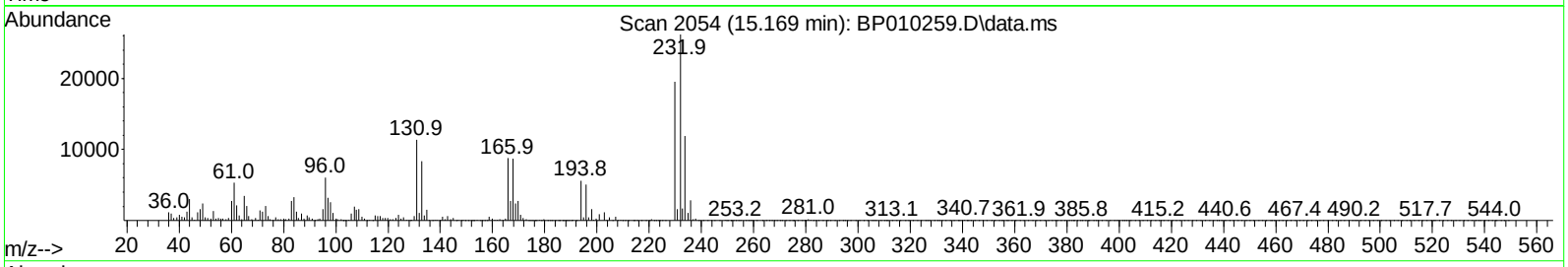

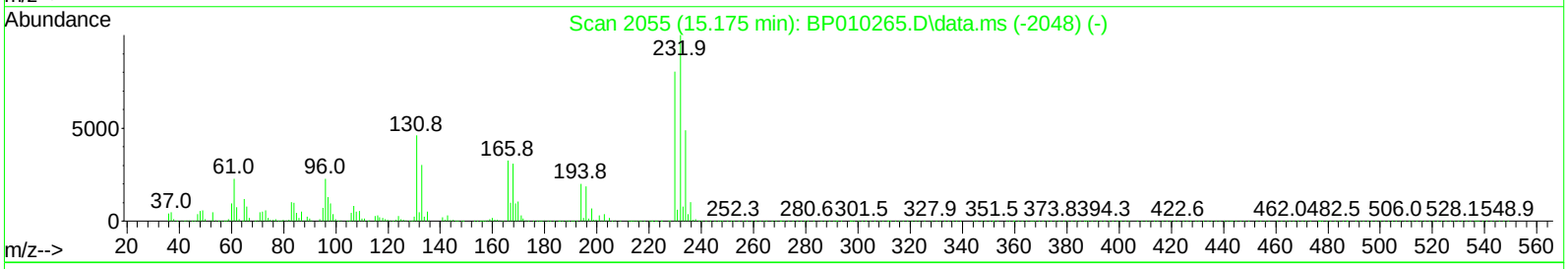

TIC: BP010259.D\data.ms

(58) 2,3,4,6-Tetrachlorophenol

15.169min (-0.006) 4.58 ng/ul m

response 38181

Ion	Exp%	Act%
232.00	100.00	100.00
131.00	31.80	43.28#
130.00	5.20	2.52#
166.00	35.10	33.49

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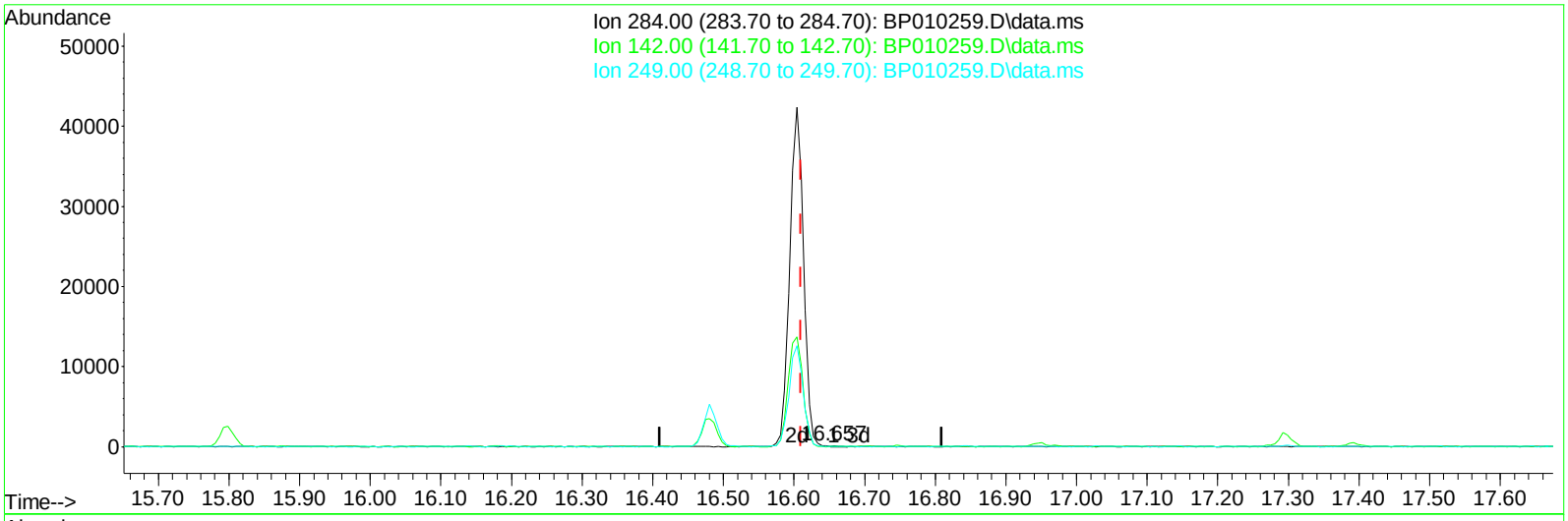

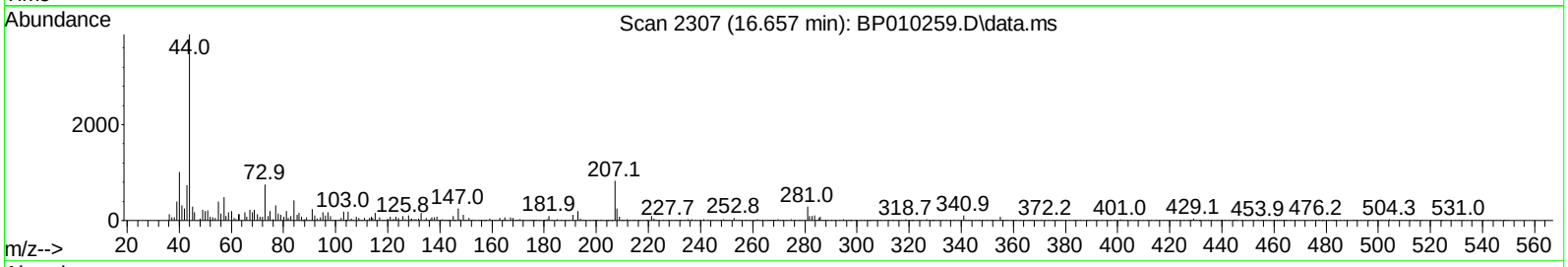

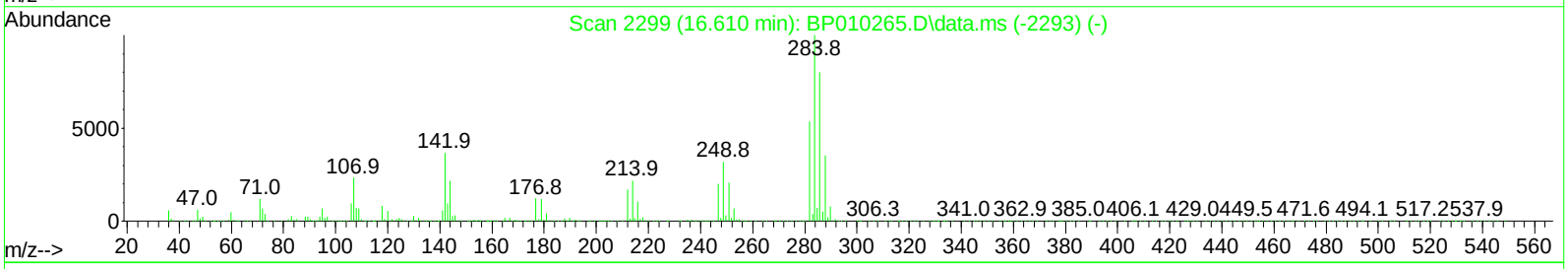

TIC: BP010259.D\data.ms

(69) Hexachlorobenzene

16.657min (+ 0.047) 0.01 ng/ul

response 93

Ion	Exp%	Act%
284.00	100.00	100.00
142.00	24.00	19.38
249.00	34.30	39.53
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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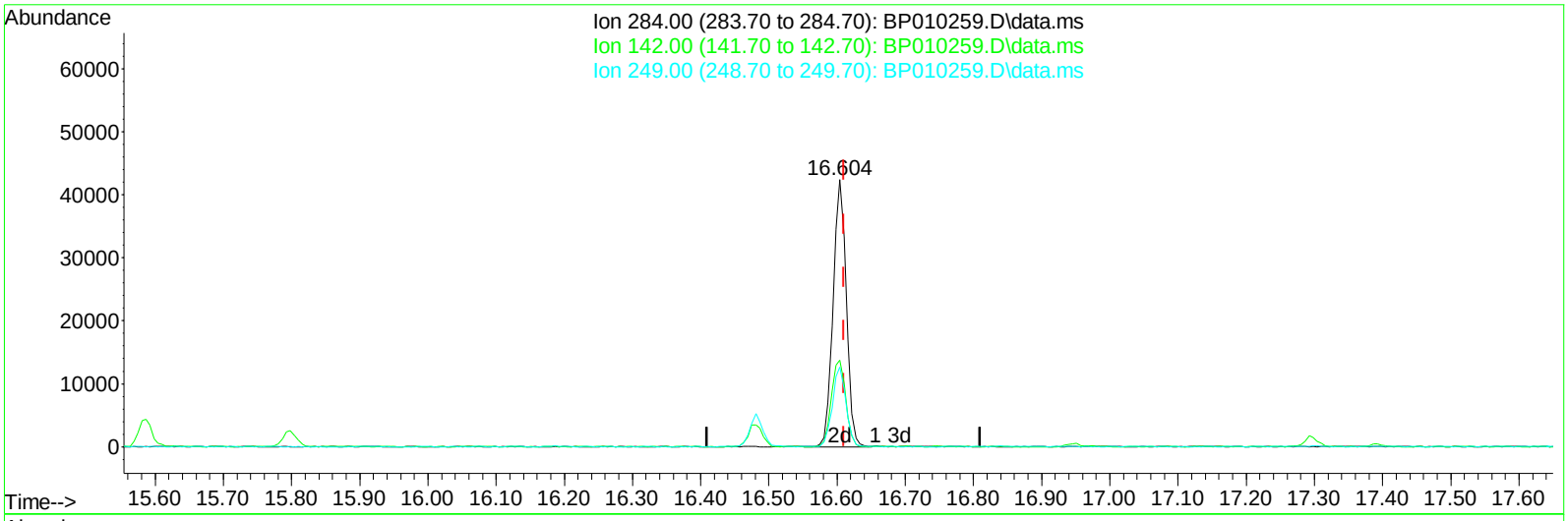

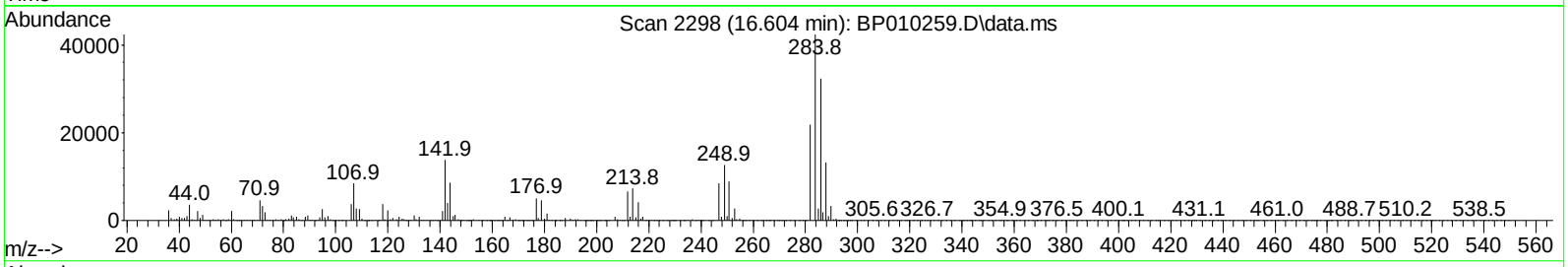

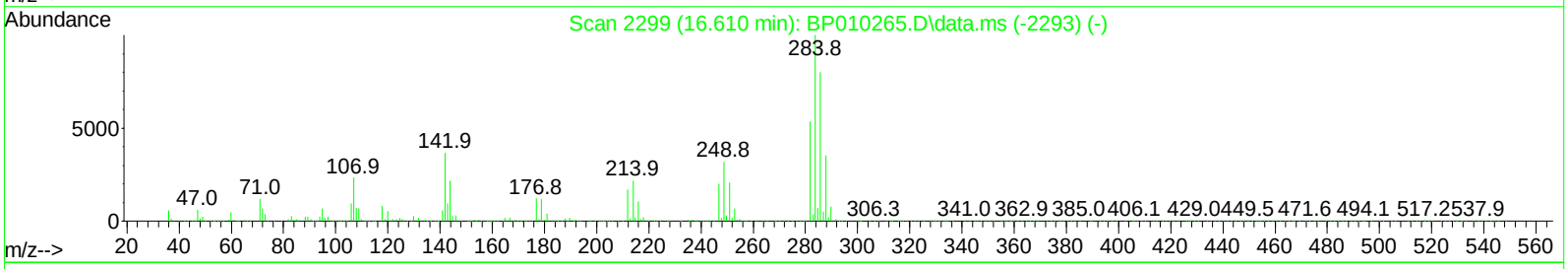

TIC: BP010259.D\data.ms

(69) Hexachlorobenzene

16.604min (-0.006) 4.77 ng/ul m

response 57379

Ion	Exp%	Act%
284.00	100.00	100.00
142.00	24.00	32.42#
249.00	34.30	29.80
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	7.910	152	142096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	597366	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	431358	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	972436	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	1025338	20.000	ng/ul	0.00
88) Perylene-d12	23.816	264	1020273	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	6627	2.034	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	7.446	132	43289	4.522	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.069	128	21184	4.459	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	24266	4.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	43742	4.330	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.951	166	165210	4.924	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	184925	4.554	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.534	176	137361	4.759	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.392	188	220218	4.681	ng/ul	-0.01
81) Pyrene-d10	19.622	212	271120	4.650	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.657	264	246983	4.617	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	6919	2.043	ng/uL#	32
12) 2-Chlorophenol	7.475	128	44097	4.567	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.716	70	39319	4.492	ng/ul#	68
19) Hexachloroethane	8.993	117	19377	4.776	ng/ul#	81
22) Nitrobenzene	9.110	77	55892	4.801	ng/ul#	85
23) Isophorone	9.640	82	110265	4.796	ng/ul#	97
25) 2-Nitrophenol	9.828	139	23888	4.347	ng/ul#	86
26) 2,4-Dimethylphenol	9.887	107	54918	4.616	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.122	93	65615	4.869	ng/ul#	96
29) 2,4-Dichlorophenol	10.363	162	43892	4.520	ng/ul#	84
30) Naphthalene	10.763	128	150652	4.818	ng/ul	96
33) Hexachlorobutadiene	11.057	225	32166	4.674	ng/ul	94
35) 4-Chloro-3-methylphenol	11.993	107	52901	4.510	ng/ul#	81
36) 2-Methylnaphthalene	12.375	142	105568	4.656	ng/ul	94
37) 1-Methylnaphthalene	12.593	142	109340	4.749	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.740	216	61271	4.598	ng/ul	93
41) 2,4,6-Trichlorophenol	12.981	196	38409	4.454	ng/ul	86
42) 2,4,5-Trichlorophenol	13.051	196	41467	4.420	ng/ul#	88
43) 1,1'-Biphenyl	13.381	154	151999	4.778	ng/ul	95
44) 2-Chloronaphthalene	13.416	162	116135	4.717	ng/ul	94
45) 2-Nitroaniline	13.622	65	35375	4.431	ng/ul#	79
47) Dimethylphthalate	13.998	163	160181	4.912	ng/ul#	91
48) 2,6-Dinitrotoluene	14.116	165	28445	4.250	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50)	Acenaphthylene	14.263	152	186283	4.631	ng/ul	94
52)	Acenaphthene	14.610	153	125247	4.788	ng/ul	98
56)	Dibenzofuran	14.940	168	184557	4.765	ng/ul	97
57)	2,4-Dinitrotoluene	14.904	165	41027	4.196	ng/ul#	80
58)	2,3,4,6-Tetrachlorophenol	15.169	232	38181m	4.578	ng/ul	
59)	Diethylphthalate	15.363	149	166883	5.031	ng/ul	93
61)	Fluorene	15.592	166	152703	4.802	ng/ul	92
62)	4-Chlorophenyl-phenyle...	15.587	204	80009	4.781	ng/ul	99
67)	N-Nitrosodiphenylamine	15.798	169	132539	4.750	ng/ul	92
68)	4-Bromophenyl-phenylether	16.481	248	48253	4.652	ng/ul	96
69)	Hexachlorobenzene	16.604	284	57379m	4.766	ng/ul	
72)	Phenanthrene	17.339	178	253082	4.788	ng/ul	99
74)	Anthracene	17.428	178	256615	4.820	ng/ul	97
75)	1,2,3,4-Tetrachloroben...	13.345	216	65445	4.610	ng/uL#	86
76)	Pentachlorobenzene	14.869	250	64731	4.650	ng/uL	97
78)	Di-n-butylphthalate	18.251	149	292728	5.051	ng/ul#	93
80)	Fluoranthene	19.304	202	307521	4.676	ng/ul#	95
82)	Pyrene	19.651	202	325899	4.809	ng/ul	96
83)	Butylbenzylphthalate	20.522	149	131175	4.683	ng/ul#	82
85)	Benzo(a)anthracene	21.363	228	321480	4.940	ng/ul	95
86)	Bis(2-ethylhexyl)phtha...	21.286	149	209902	5.056	ng/ul#	81
87)	Chrysene	21.416	228	318688	4.974	ng/ul	99
90)	Benzo(b)fluoranthene	23.069	252	321592	4.689	ng/ul	99
91)	Benzo(k)fluoranthene	23.116	252	287773	4.429	ng/ul#	98
93)	Benzo(a)pyrene	23.704	252	294502	4.643	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	26.357	276	283905	4.499	ng/ul#	93
95)	Dibenzo(a,h)anthracene	26.374	278	237950	4.407	ng/ul#	95
96)	Benzo(g,h,i)perylene	27.139	276	236781	4.447	ng/ul#	90

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

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