Quantitation Report (Qedit)

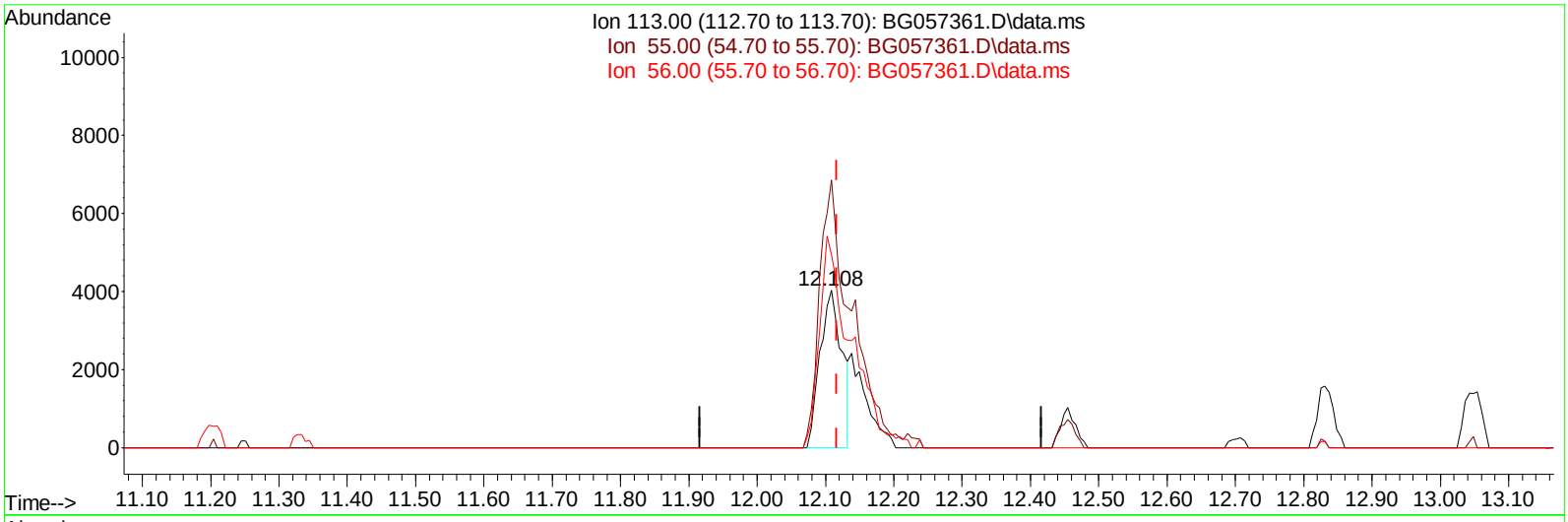
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050923\
Data File : BG057361.D
Acq On : 9 May 2023 20:51
Operator : CG/JU
Sample : PB152665BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

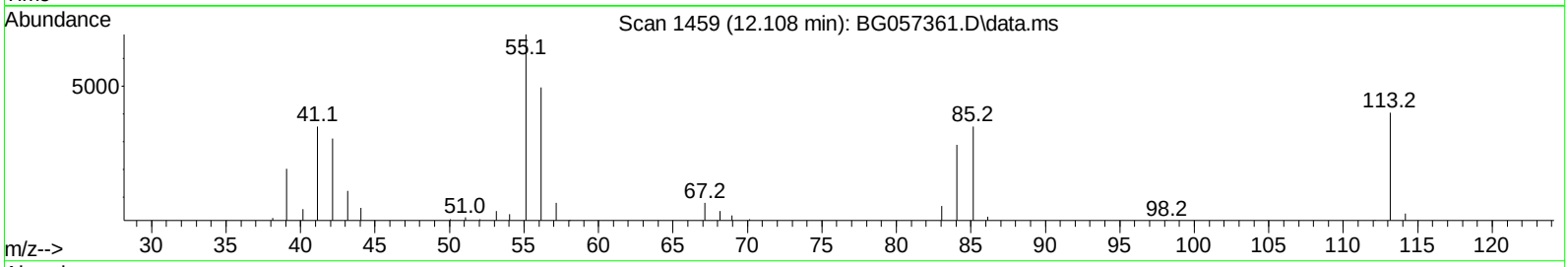
Quant Time: May 09 23:24:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 08 11:47:25 2023
Response via : Initial Calibration

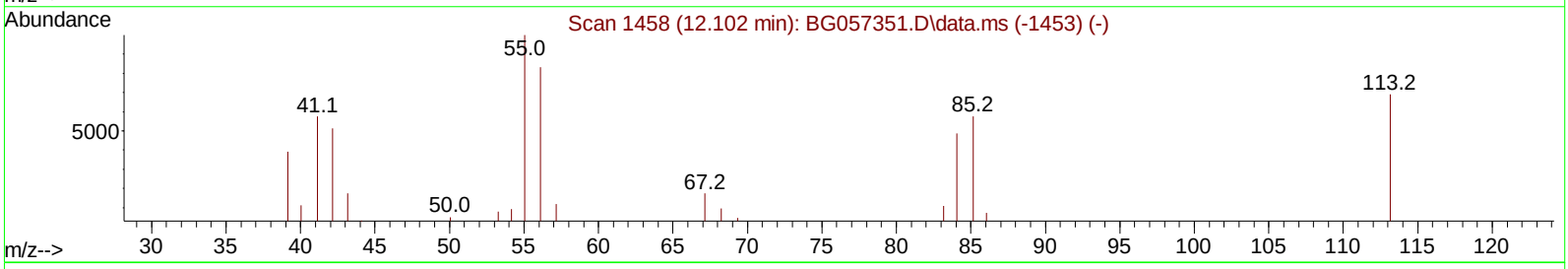
Instrument :
BNA_G
ClientSampleId :
SLCS665

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/10/2023
Supervised By :Jagrut Upadhyay 05/10/2023







TIC: BG057361.D\data.ms

(34) Caprolactam

12.108min (-0.008) 17.93 ng/ul

response 8943

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	169.71
56.00	123.40	122.34
0.00	0.00	0.00

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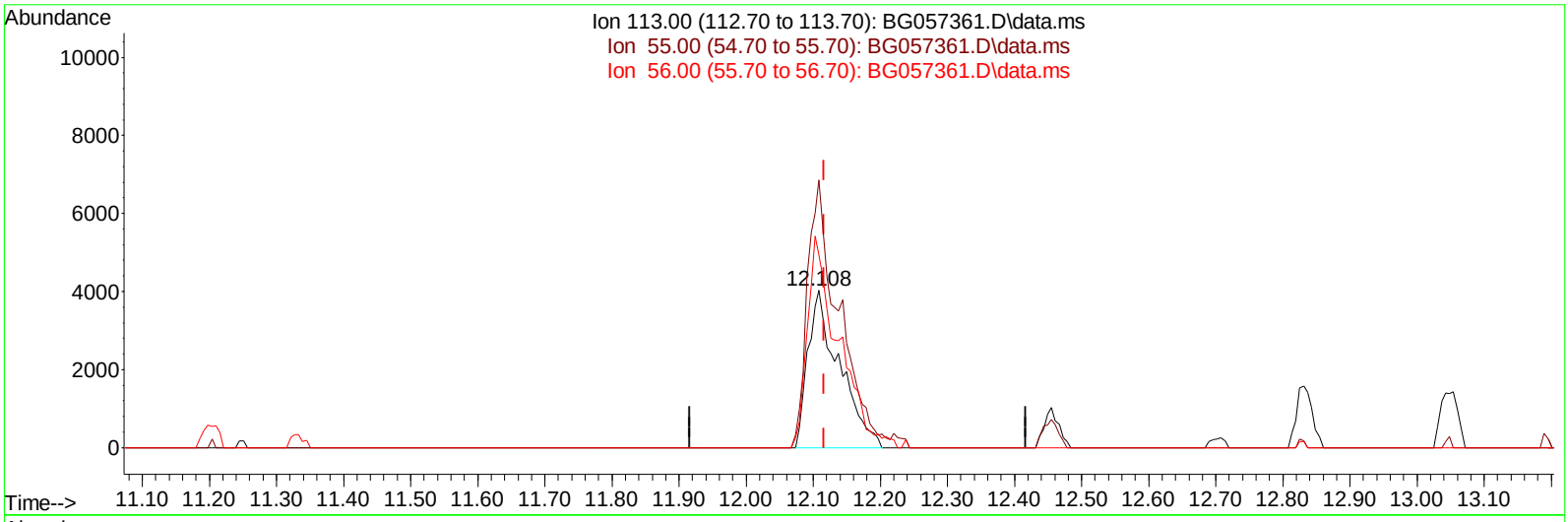

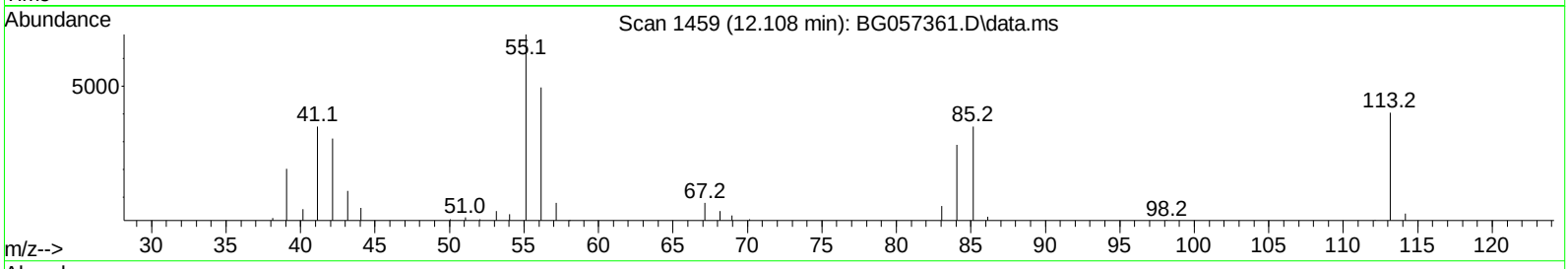

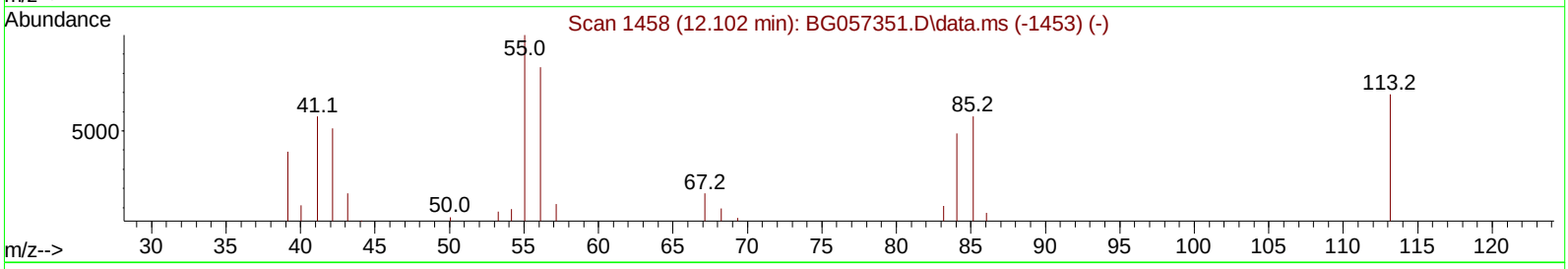

TIC: BG057361.D\data.ms

(34) Caprolactam

12.108min (-0.008) 26.28 ng/ul m

response 13109

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	153.90	169.71
56.00	123.40	122.34
0.00	0.00	0.00

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Acq On : 9 May 2023 20:51
Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 10 00:03:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
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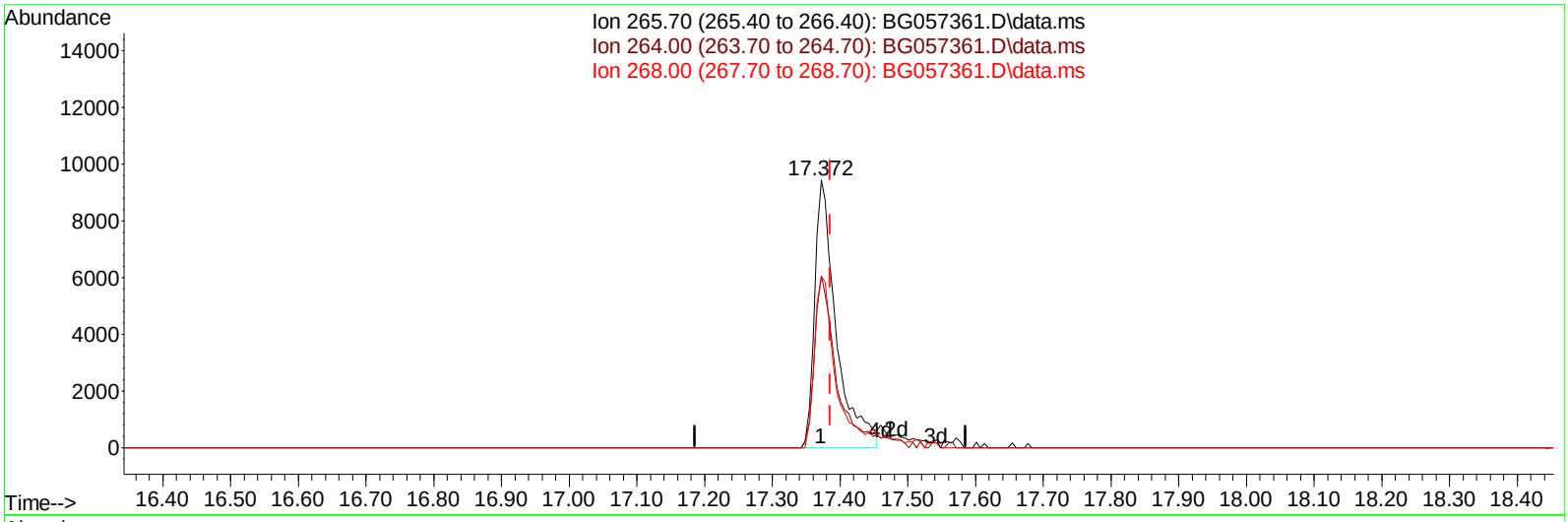

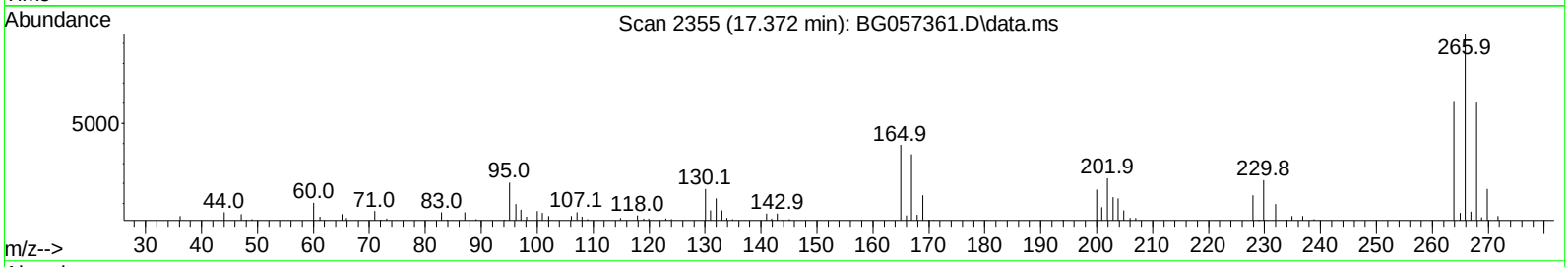

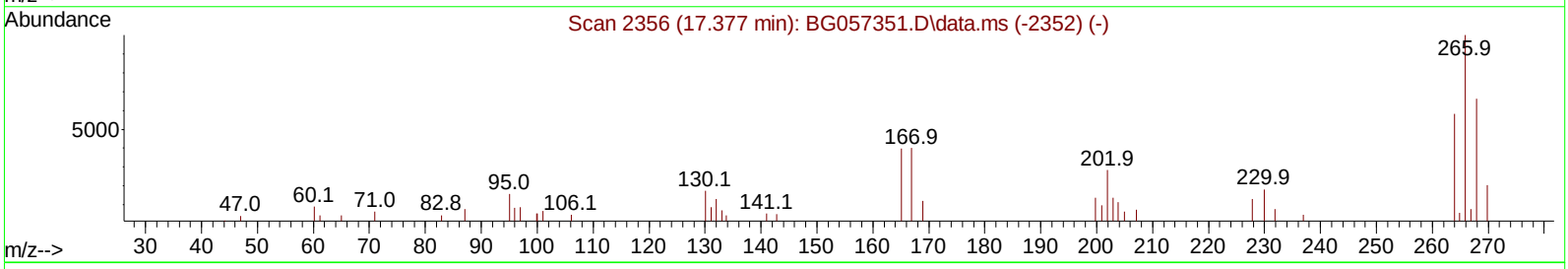

TIC: BG057361.D\data.ms

(71) Pentachlorophenol (C)

17.372min (-0.014) 20.98 ng/ul

response 20853

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	64.32
268.00	60.30	64.08
0.00	0.00	0.00

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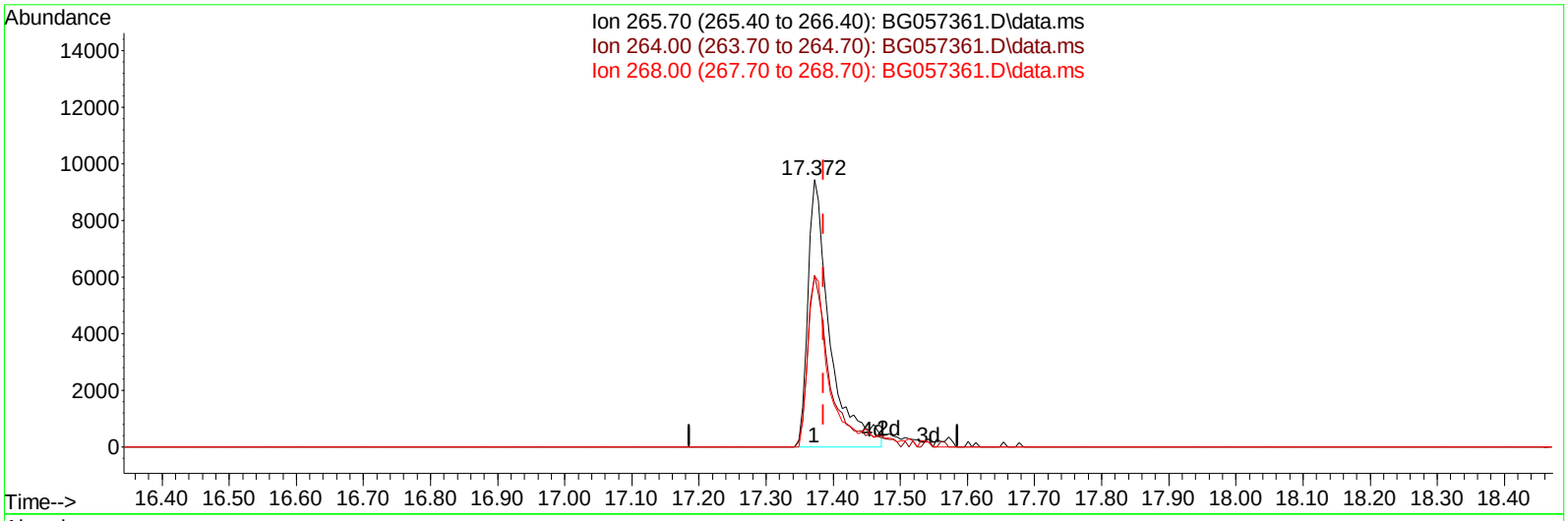

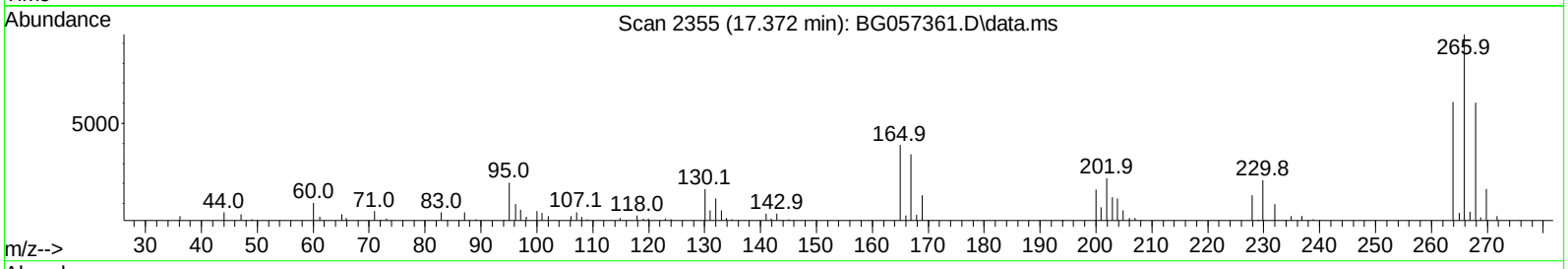

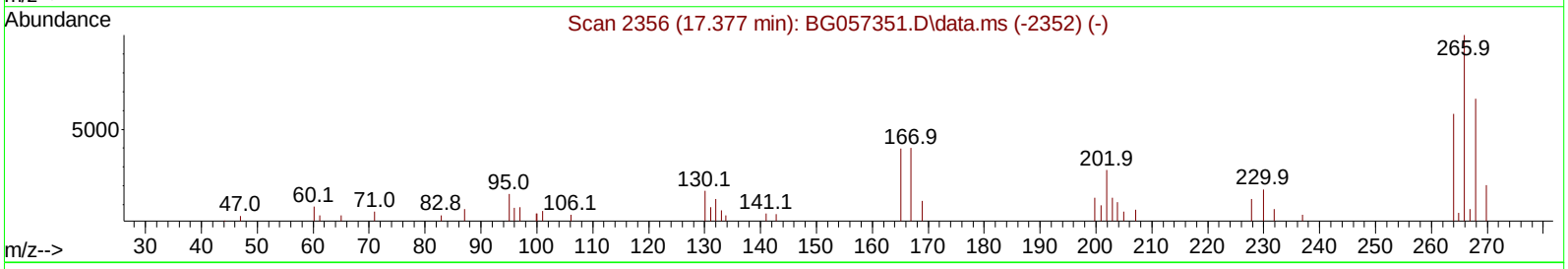

TIC: BG057361.D\data.ms

(71) Pentachlorophenol (C)

17.372min (-0.014) 21.59 ng/ul m

response 21464

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	59.70	64.32
268.00	60.30	64.08
0.00	0.00	0.00

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Misc :
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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	8.366	152	20203	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	87052	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.981	164	68705	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.718	188	170880	20.000	ng/ul	0.00
79) Chrysene-d12	22.030	240	159549	20.000	ng/ul	-0.01
88) Perylene-d12	25.537	264	164627	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.649	96	2477	5.395	ng/uL	0.00
4) Pyridine-d5	4.090	84	35556	24.565	ng/ul	0.00
7) Phenol-d5	7.509	99	50086	26.215	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.673	67	28170	25.067	ng/ul	0.00
11) 2-Chlorophenol-d4	7.891	132	34613	27.491	ng/ul	0.00
15) 4-Methylphenol-d8	9.065	113	38783	26.707	ng/ul	-0.01
21) Nitrobenzene-d5	9.547	128	18060	26.051	ng/ul	0.00
24) 2-Nitrophenol-d4	10.276	143	22125	27.347	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.822	165	43149	27.644	ng/ul	0.00
31) 4-Chloroaniline-d4	11.333	131	50022	24.179	ng/ul	0.00
46) Dimethylphthalate-d6	14.364	166	142285	26.136	ng/ul	0.00
49) Acenaphthylene-d8	14.681	160	159615	26.087	ng/ul	0.00
54) 4-Nitrophenol-d4	15.169	143	19173	24.195	ng/ul	0.00
60) Fluorene-d10	15.968	176	132817	26.189	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	27076	26.743	ng/ul	0.00
73) Anthracene-d10	17.818	188	204077	26.164	ng/ul	0.00
81) Pyrene-d10	20.086	212	250943	26.498	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.302	264	231290	27.576	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.690	88	5458	11.210	ng/uL#	83
5) Pyridine	4.107	79	36535	23.946	ng/ul	92
6) Benzaldehyde	7.491	77	32445	55.600	ng/ul	85
8) Phenol	7.532	94	49834	25.878	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.767	93	36982	25.660	ng/ul#	85
12) 2-Chlorophenol	7.926	128	36710	27.758	ng/ul	99
13) 2-Methylphenol	8.801	108	37648	25.226	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.883	45	43945	23.649	ng/ul#	97
16) Acetophenone	9.195	105	62614	25.058	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.165	70	34475	24.009	ng/ul	97
18) 4-Methylphenol	9.136	108	42054	26.033	ng/ul	97
19) Hexachloroethane	9.465	117	15158	27.394	ng/ul	97
22) Nitrobenzene	9.588	77	51268	24.835	ng/ul	98
23) Isophorone	10.105	82	95734	24.374	ng/ul	100
25) 2-Nitrophenol	10.305	139	22361	27.287	ng/ul	95
26) 2,4-Dimethylphenol	10.346	107	45377	24.410	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.581	93	52495	25.712	ng/ul	96
29) 2,4-Dichlorophenol	10.845	162	41515	28.021	ng/ul	98
30) Naphthalene	11.257	128	126662	26.500	ng/ul	98
32) 4-Chloroaniline	11.356	127	48278	22.397	ng/ul	98
33) Hexachlorobutadiene	11.527	225	34337	27.325	ng/ul	98
34) Caprolactam	12.108	113	13109m	26.283	ng/ul	
35) 4-Chloro-3-methylphenol	12.455	107	44914	26.347	ng/ul	96

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Manual IntegrationsAPPROVED

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.831	142	90483	25.814 ng/ul	94
37)	1-Methylnaphthalene	13.048	142	95028	26.962 ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.195	216	67243	26.932 ng/ul	96
40)	Hexachlorocyclopentadiene	13.166	237	15810	12.689 ng/ul	100
41)	2,4,6-Trichlorophenol	13.424	196	39008	26.826 ng/ul	96
42)	2,4,5-Trichlorophenol	13.506	196	41346	26.483 ng/ul	94
43)	1,1'-Biphenyl	13.818	154	135571	25.860 ng/ul	99
44)	2-Chloronaphthalene	13.871	162	105380	25.925 ng/ul	99
45)	2-Nitroaniline	14.065	65	31275	25.487 ng/ul#	82
47)	Dimethylphthalate	14.411	163	140894	25.772 ng/ul	99
48)	2,6-Dinitrotoluene	14.546	165	29704	26.402 ng/ul	98
50)	Acenaphthylene	14.711	152	160379	25.794 ng/ul	99
51)	3-Nitroaniline	14.881	138	26581	33.344 ng/ul	98
52)	Acenaphthene	15.046	153	113149	25.541 ng/ul	97
53)	2,4-Dinitrophenol	15.098	184	14196	23.694 ng/ul	98
55)	4-Nitrophenol	15.181	109	21038	23.420 ng/ul	96
56)	Dibenzofuran	15.375	168	165952	25.941 ng/ul	99
57)	2,4-Dinitrotoluene	15.333	165	45357	28.162 ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.598	232	38607	27.215 ng/ul	97
59)	Diethylphthalate	15.756	149	142643	25.682 ng/ul	99
61)	Fluorene	16.021	166	137733	25.461 ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.997	204	81305	25.751 ng/ul	99
63)	4-Nitroaniline	16.038	138	27849	36.890 ng/ul	98
66)	4,6-Dinitro-2-methylph...	16.103	198	27823	26.969 ng/ul#	90
67)	N-Nitrosodiphenylamine	16.215	169	116095	26.009 ng/ul	99
68)	4-Bromophenyl-phenylether	16.890	248	55060	26.959 ng/ul	98
69)	Hexachlorobenzene	17.025	284	59332	27.587 ng/ul	99
70)	Atrazine	17.143	200	46866	23.624 ng/ul	100
71)	Pentachlorophenol	17.372	266	21464m	21.591 ng/ul	
72)	Phenanthrene	17.760	178	234425	26.344 ng/ul	99
74)	Anthracene	17.854	178	232219	25.979 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.794	216	69623	27.089 ng/uL	98
76)	Pentachlorobenzene	15.298	250	68519	26.191 ng/uL	99
77)	Carbazole	18.118	167	201343	26.954 ng/ul	98
78)	Di-n-butylphthalate	18.635	149	237421	27.795 ng/ul	99
80)	Fluoranthene	19.751	202	295930	26.306 ng/ul	99
82)	Pyrene	20.115	202	296961	26.076 ng/ul	98
83)	Butylbenzylphthalate	20.961	149	103692	28.431 ng/ul	99
84)	3,3'-Dichlorobenzidine	21.907	252	108456	30.608 ng/ul	100
85)	Benzo(a)anthracene	22.007	228	302579	26.815 ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.854	149	149418	28.169 ng/ul	96
87)	Chrysene	22.083	228	281695	26.460 ng/ul	99
89)	Di-n-octyl phthalate	23.152	149	253243	27.856 ng/ul	100
90)	Benzo(b)fluoranthene	24.415	252	309648	27.161 ng/ul	98
91)	Benzo(k)fluoranthene	24.486	252	297130	26.790 ng/ul	99
93)	Benzo(a)pyrene	25.379	252	264026	26.826 ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	29.585	276	335752	27.290 ng/ul	99
95)	Dibenzo(a,h)anthracene	29.649	278	279161	27.364 ng/ul	98
96)	Benzo(g,h,i)perylene	30.865	276	269895	27.106 ng/ul	99

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

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