Quantitation Report (Qedit)

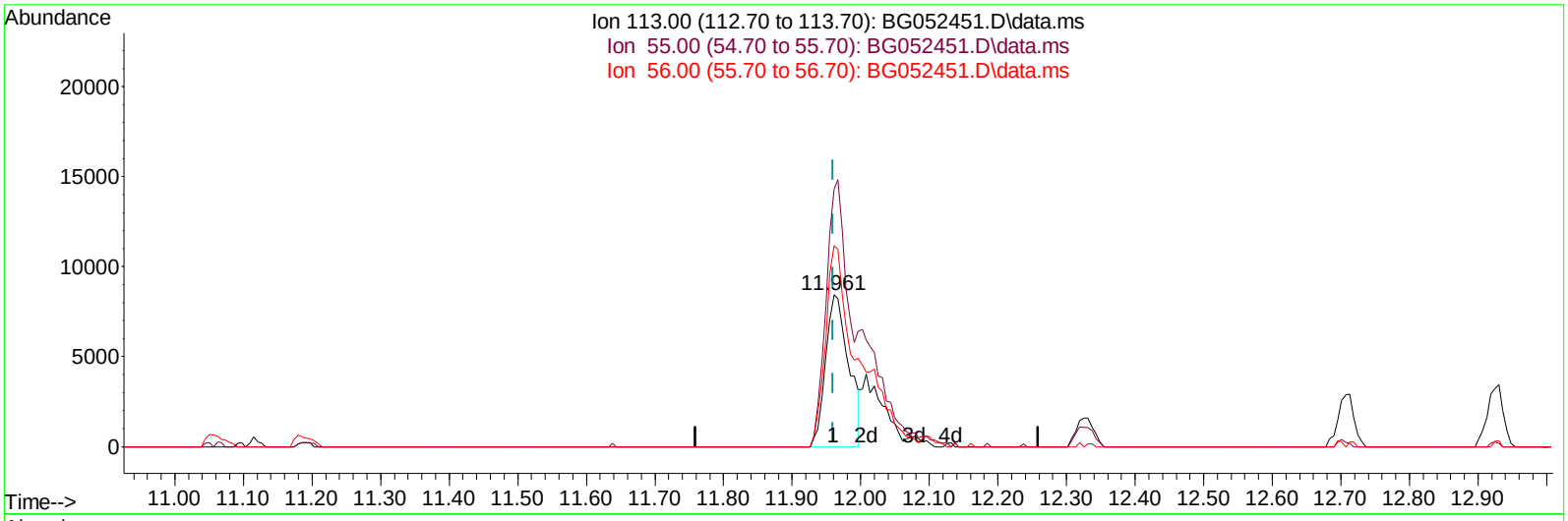
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022222\
Data File : BG052451.D
Acq On : 22 Feb 2022 15:23
Operator : CG/JU
Sample : SSTD04010
Misc :
ALS Vial : 6 Sample Multiplier: 1

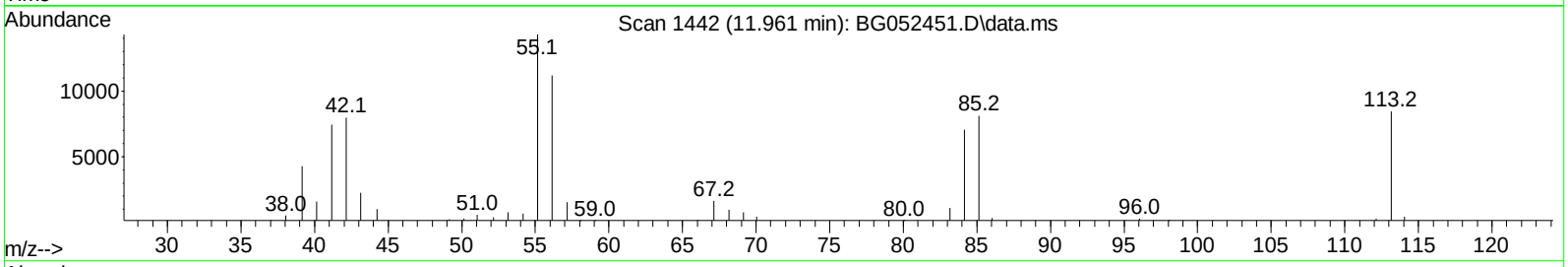
Quant Time: Feb 22 16:28:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 22 15:23:39 2022
Response via : Initial Calibration

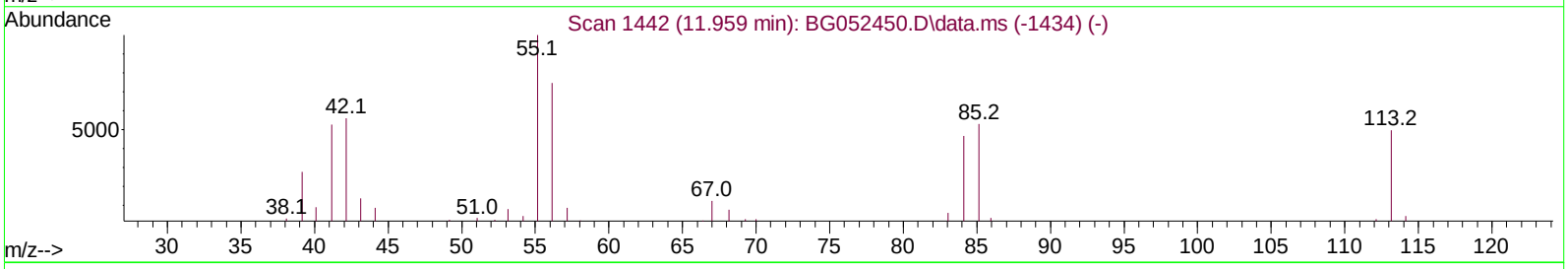
Instrument :
BNA_G
ClientSampleId :
SSTD040410

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
Supervised By :Yogesh Patel 02/24/2022







TIC: BG052451.D\data.ms

(34) Caprolactam

11.961min (+ 0.002) 30.14 ng/ul

response 19719

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	169.19
56.00	136.50	132.13
0.00	0.00	0.00

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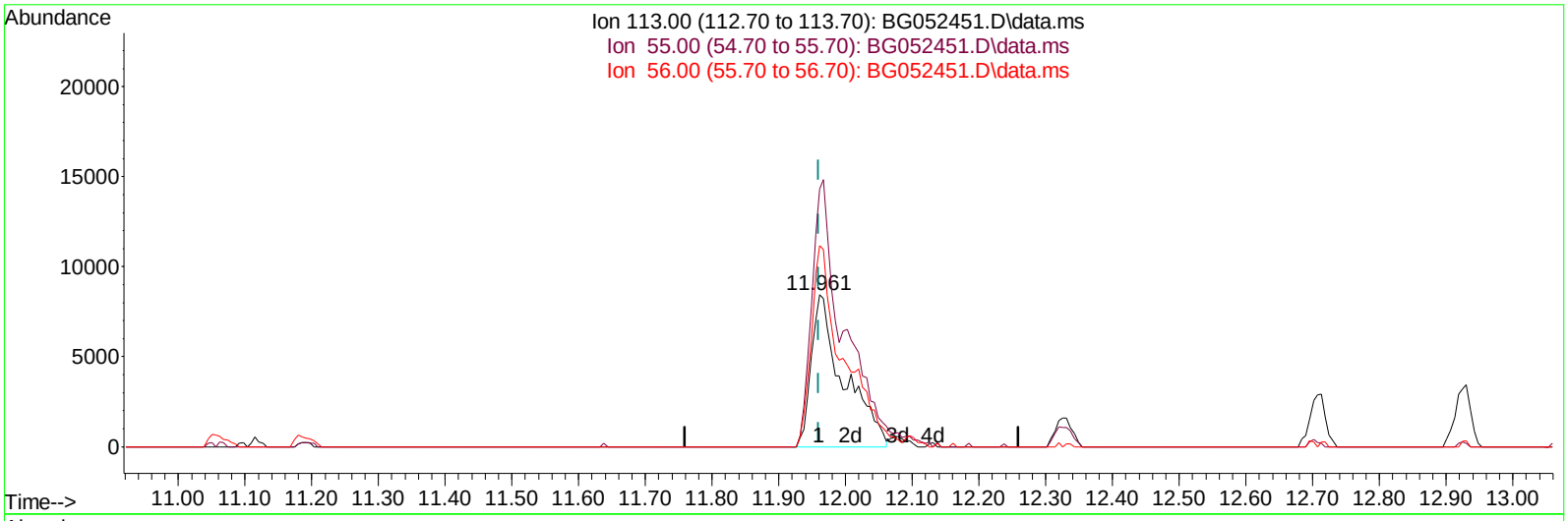

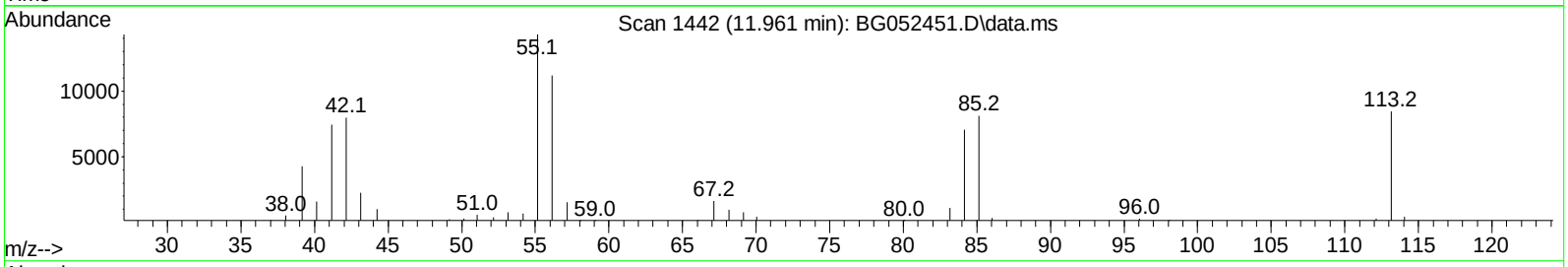

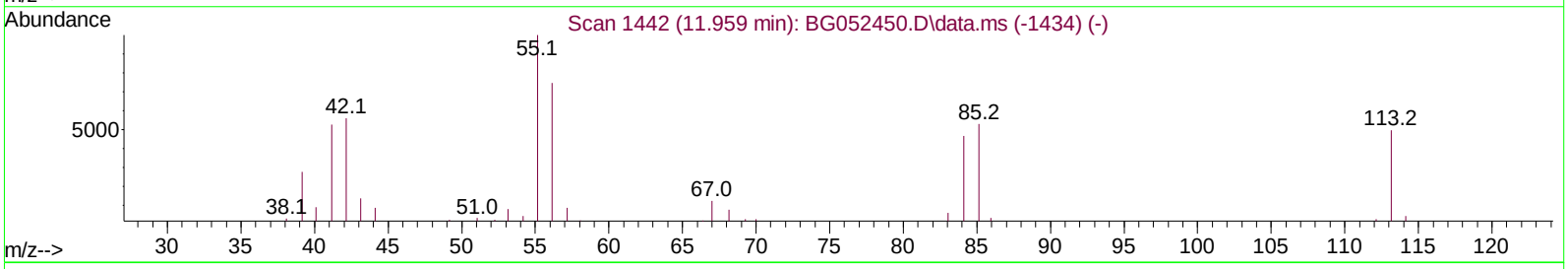

TIC: BG052451.D\data.ms

(34) Caprolactam

11.961min (+ 0.002) 43.37 ng/ul m

response 28370

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	169.19
56.00	136.50	132.13
0.00	0.00	0.00

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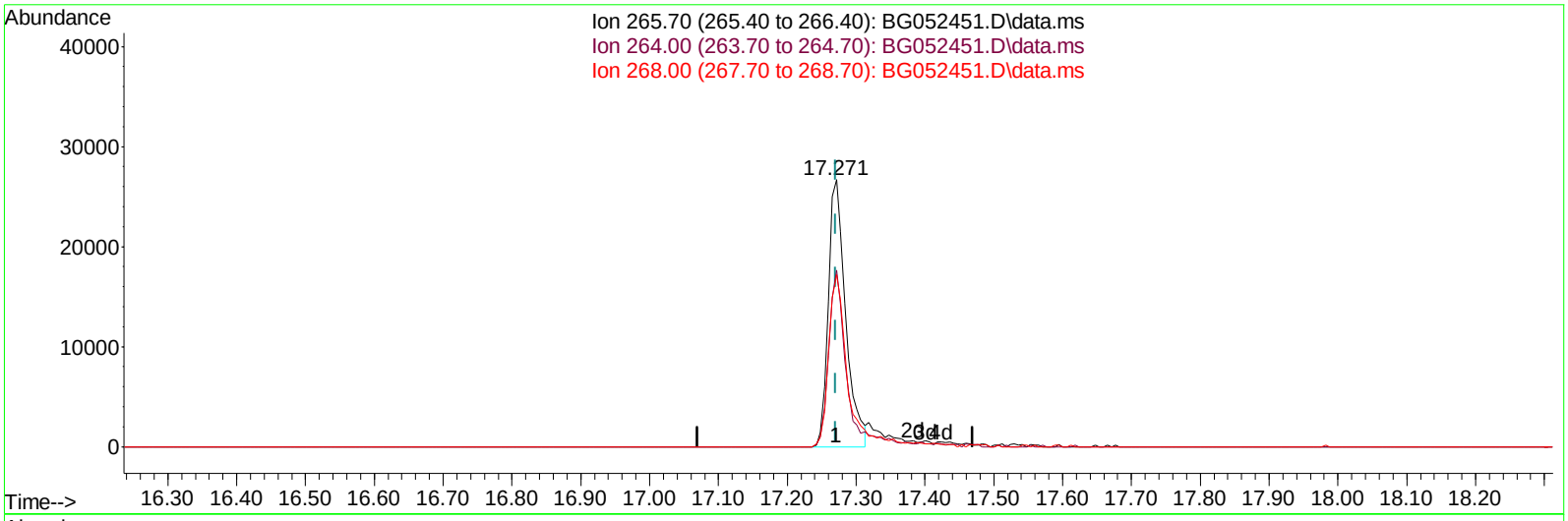

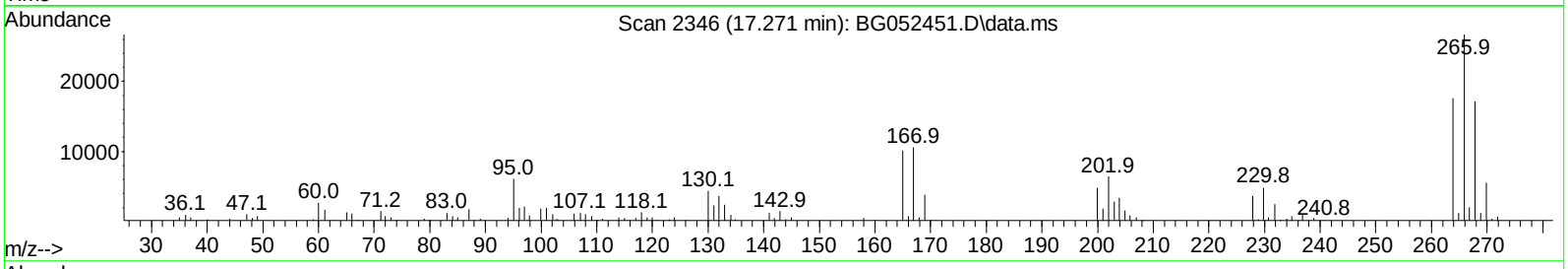

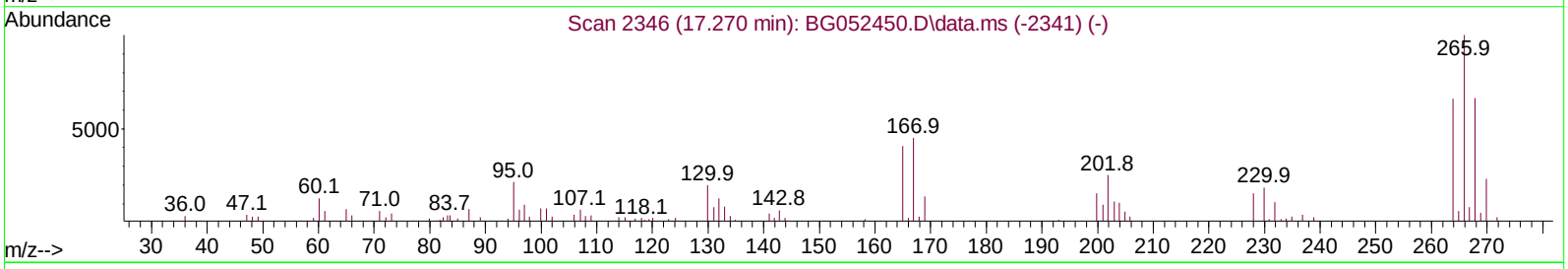

TIC: BG052451.D\data.ms

(71) Pentachlorophenol (C)

17.271min (+ 0.002) 34.77 ng/ul

response 46525

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	66.12
268.00	63.80	64.41
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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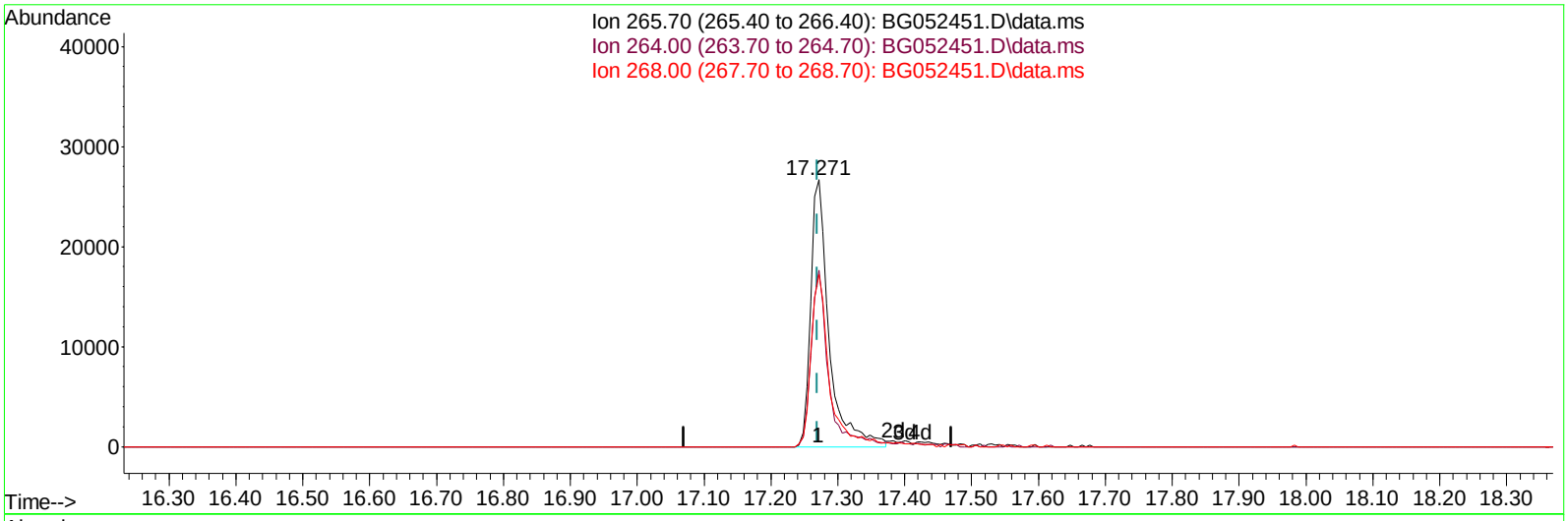

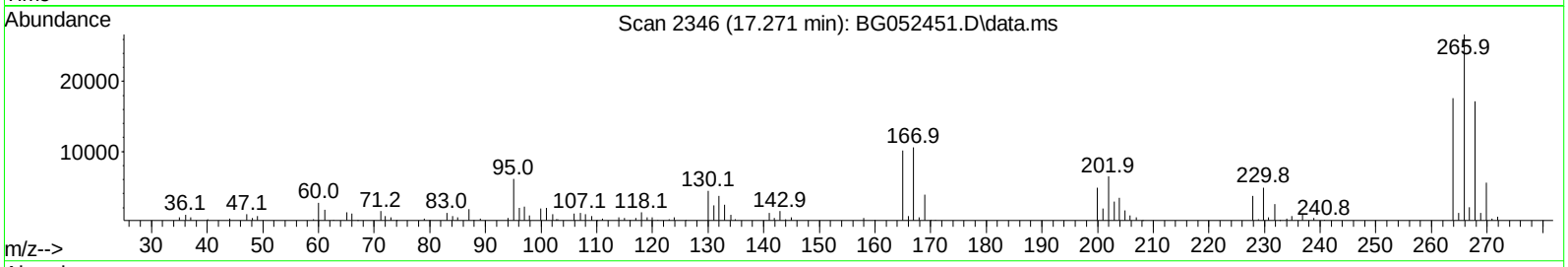

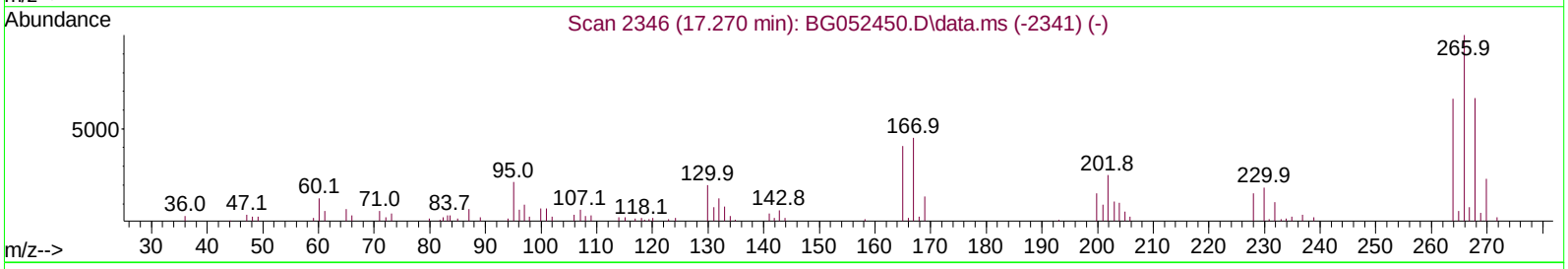

TIC: BG052451.D\data.ms

(71) Pentachlorophenol (C)

17.271min (+ 0.002) 38.02 ng/ul m

response 50872

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	66.12
268.00	63.80	64.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/23/2022
Supervised By :Yogesh Patel 02/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	29094	20.000	ng/ul	0.00
20) Naphthalene-d8	11.062	136	120290	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	85744	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	205713	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.936	240	204386	20.000	ng/ul	# 0.00
88) Perylene-d12	25.396	264	213988	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.543	96	11516	15.969	ng/uL	0.00
4) Pyridine-d5	3.978	84	89298	39.810	ng/ul	0.00
7) Phenol-d5	7.367	99	104538	39.502	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.526	67	61911	38.508	ng/ul	0.00
11) 2-Chlorophenol-d4	7.755	132	75669	41.033	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	81814	40.739	ng/ul	0.00
21) Nitrobenzene-d5	9.400	128	39078	39.898	ng/ul	0.00
24) 2-Nitrophenol-d4	10.128	143	44607	41.678	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	84901	40.691	ng/ul	0.00
31) 4-Chloroaniline-d4	11.191	131	107783	40.725	ng/ul	0.00
46) Dimethylphthalate-d6	14.258	166	262603	38.963	ng/ul	0.00
49) Acenaphthylene-d8	14.563	160	328477	39.101	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	44309	43.408	ng/ul	0.00
60) Fluorene-d10	15.856	176	231252	39.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	51157	40.281	ng/ul	0.00
73) Anthracene-d10	17.718	188	376154	38.786	ng/ul	0.00
81) Pyrene-d10	19.997	212	466927	38.119	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.161	264	439720	38.679	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.584	88	12971	16.136	ng/uL	97
5) Pyridine	3.995	79	88786	37.796	ng/ul	99
6) Benzaldehyde	7.344	77	64493	42.986	ng/ul	93
8) Phenol	7.397	94	105888	39.925	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.626	93	79301	39.568	ng/ul	96
12) 2-Chlorophenol	7.784	128	77978	40.962	ng/ul	93
13) 2-Methylphenol	8.665	108	79039	39.600	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.748	45	105854	36.979	ng/ul	97
16) Acetophenone	9.047	105	122889	39.459	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.030	70	71828	38.450	ng/ul	94
18) 4-Methylphenol	8.994	108	84851	40.351	ng/ul	93
19) Hexachloroethane	9.323	117	31273	38.146	ng/ul#	81
22) Nitrobenzene	9.441	77	103524	37.895	ng/ul	96
23) Isophorone	9.964	82	199229	39.413	ng/ul	98
25) 2-Nitrophenol	10.158	139	46677	39.893	ng/ul	97
26) 2,4-Dimethylphenol	10.210	107	96023	39.801	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.445	93	106153	39.156	ng/ul	97
29) 2,4-Dichlorophenol	10.704	162	79242	39.288	ng/ul	96
30) Naphthalene	11.109	128	257467	39.145	ng/ul	97
32) 4-Chloroaniline	11.215	127	110733	40.581	ng/ul	99
33) Hexachlorobutadiene	11.397	225	60167	36.570	ng/ul	96
34) Caprolactam	11.961	113	28370m	43.369	ng/ul	
35) 4-Chloro-3-methylphenol	12.331	107	88781	40.810	ng/ul	92

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.707	142	182380	39.515	ng/ul	99
37) 1-Methylnaphthalene	12.924	142	184689	38.896	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.077	216	114710	37.167	ng/ul	95
40) Hexachlorocyclopentadiene	13.054	237	56628	32.140	ng/ul	97
41) 2,4,6-Trichlorophenol	13.306	196	72694	39.447	ng/ul	98
42) 2,4,5-Trichlorophenol	13.383	196	76909	38.749	ng/ul	98
43) 1,1'-Biphenyl	13.700	154	255359	37.989	ng/ul#	95
44) 2-Chloronaphthalene	13.753	162	196524	38.210	ng/ul	98
45) 2-Nitroaniline	13.947	65	68438	39.520	ng/ul	90
47) Dimethylphthalate	14.305	163	256282	39.231	ng/ul	99
48) 2,6-Dinitrotoluene	14.428	165	57275	40.641	ng/ul	87
50) Acenaphthylene	14.593	152	322182	38.263	ng/ul	97
51) 3-Nitroaniline	14.763	138	54485	45.178	ng/ul	96
52) Acenaphthene	14.933	153	213386	38.658	ng/ul	96
53) 2,4-Dinitrophenol	14.969	184	29187	39.883	ng/ul#	83
55) 4-Nitrophenol	15.074	109	41355	38.653	ng/ul	86
56) Dibenzofuran	15.262	168	304468	38.095	ng/ul	98
57) 2,4-Dinitrotoluene	15.221	165	82933	41.050	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.492	232	68824	39.612	ng/ul#	87
59) Diethylphthalate	15.662	149	261820	39.525	ng/ul	98
61) Fluorene	15.914	166	255699	38.554	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.897	204	138203	37.890	ng/ul	92
63) 4-Nitroaniline	15.926	138	54039	46.177	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.991	198	50310	41.594	ng/ul#	92
67) N-Nitrosodiphenylamine	16.108	169	224709	39.844	ng/ul	97
68) 4-Bromophenyl-phenylether	16.796	248	97070	39.089	ng/ul#	85
69) Hexachlorobenzene	16.925	284	106978	38.332	ng/ul#	88
70) Atrazine	17.054	200	100001	40.192	ng/ul	95
71) Pentachlorophenol	17.271	266	50872m	38.016	ng/ul	
72) Phenanthrene	17.659	178	426280	39.335	ng/ul	98
74) Anthracene	17.753	178	422273	39.479	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.676	216	129166	37.610	ng/uL	99
76) Pentachlorobenzene	15.192	250	119698	37.780	ng/uL	98
77) Carbazole	18.017	167	388027	41.622	ng/ul	96
78) Di-n-butylphthalate	18.558	149	457262	40.894	ng/ul	99
80) Fluoranthene	19.662	202	553406	38.365	ng/ul#	92
82) Pyrene	20.027	202	534053	37.818	ng/ul#	90
83) Butylbenzylphthalate	20.890	149	201778	40.846	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.812	252	192995	44.098	ng/ul#	97
85) Benzo(a)anthracene	21.912	228	531890	38.692	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.789	149	281000	39.683	ng/ul#	96
87) Chrysene	21.983	228	507279	39.056	ng/ul	98
89) Di-n-octyl phthalate	23.081	149	469237	38.651	ng/ul	100
90) Benzo(b)fluoranthene	24.291	252	560668	37.784	ng/ul#	96
91) Benzo(k)fluoranthene	24.362	252	520137	38.313	ng/ul#	95
93) Benzo(a)pyrene	25.237	252	525331	37.960	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.396	276	610622	39.610	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.461	278	516928	40.441	ng/ul#	94
96) Benzo(g,h,i)perylene	30.647	276	512450	39.051	ng/ul#	91

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

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