Quantitation Report (Qedit)

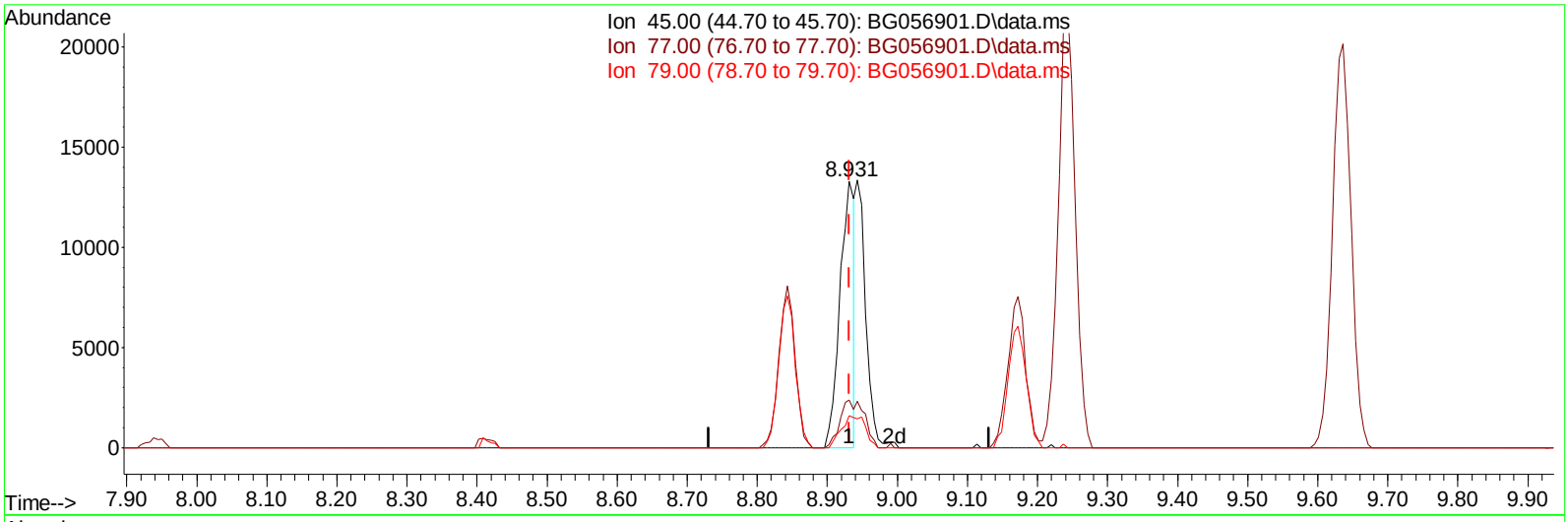
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056901.D
Acq On : 9 Mar 2023 5:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

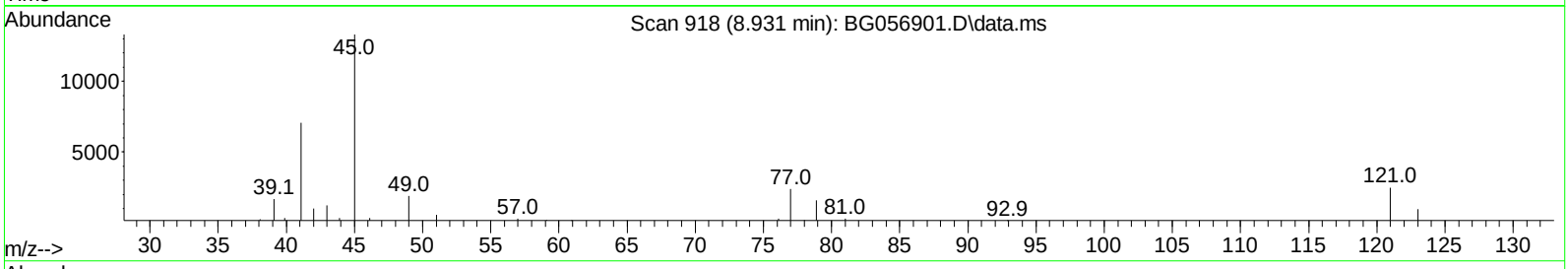
Quant Time: Mar 09 06:07:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

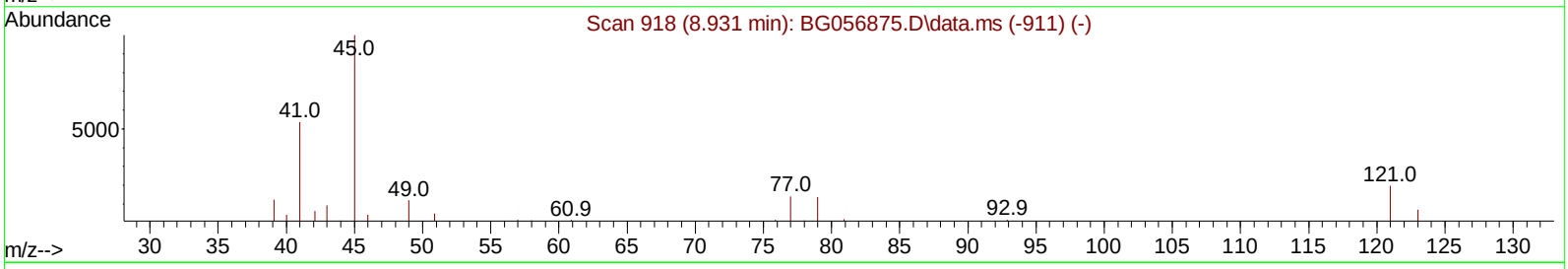
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023







TIC: BG056901.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.931min (+ 0.000) 12.01 ng/ul

response 18958

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.70	17.86
79.00	10.40	12.04
0.00	0.00	0.00

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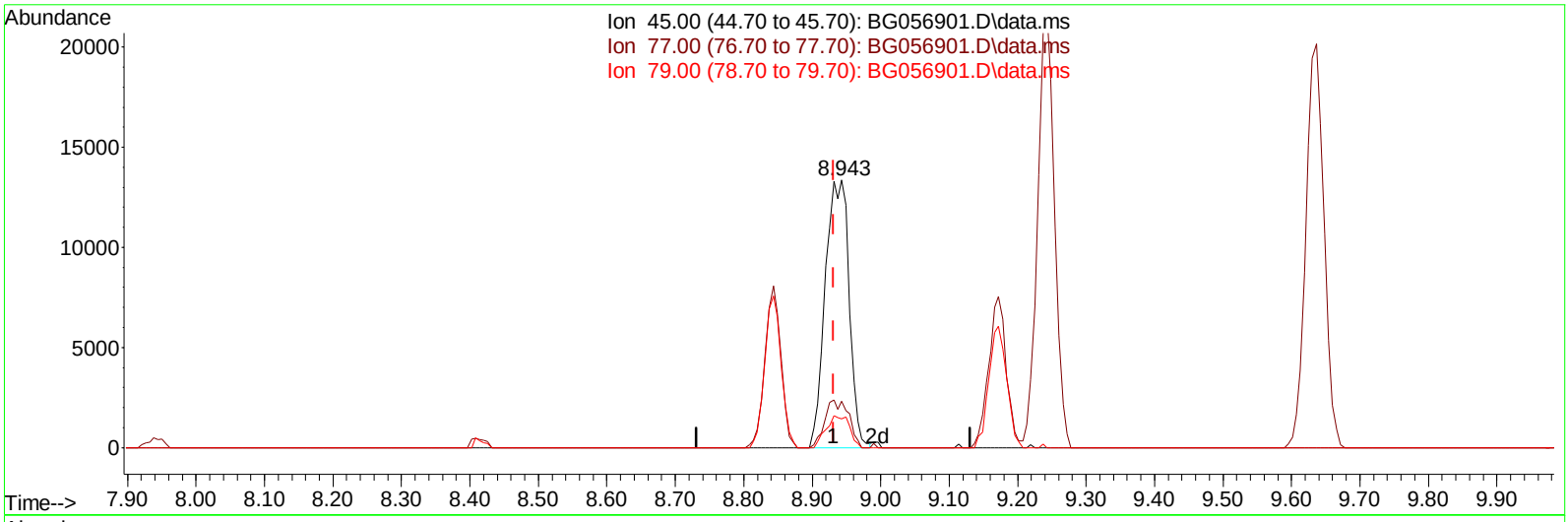

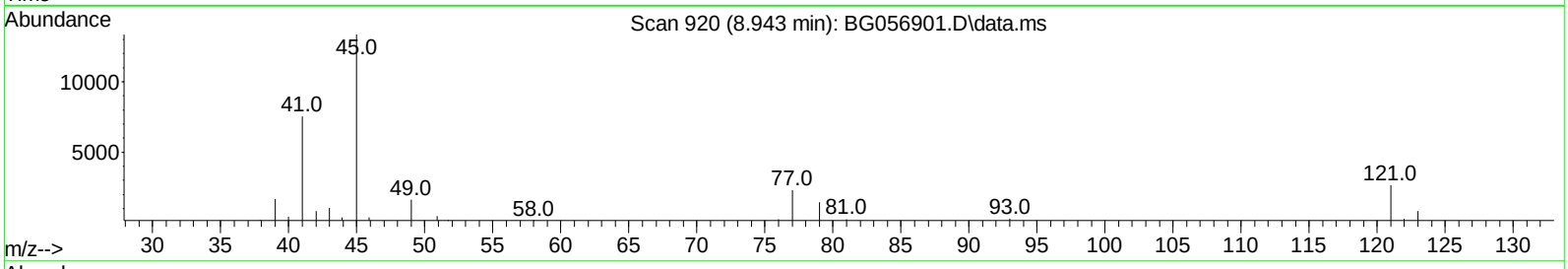

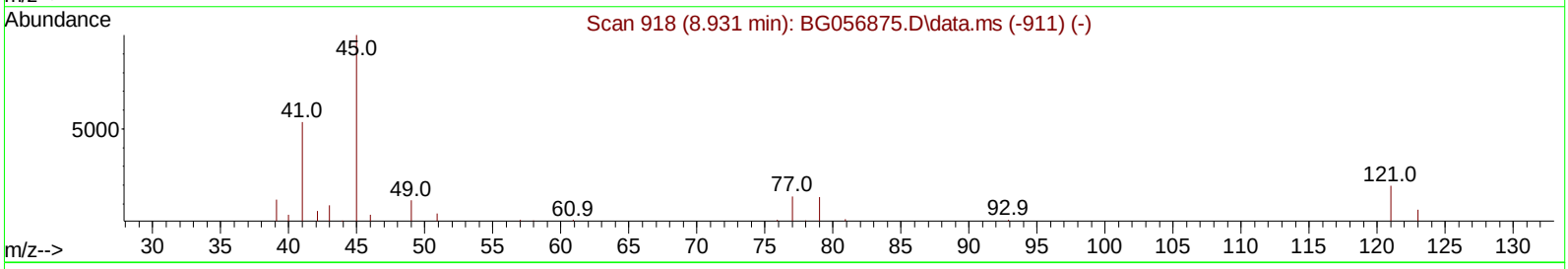

TIC: BG056901.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.943min (+ 0.012) 20.40 ng/ul m

response 32192

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	18.70	17.31
79.00	10.40	10.78
0.00	0.00	0.00

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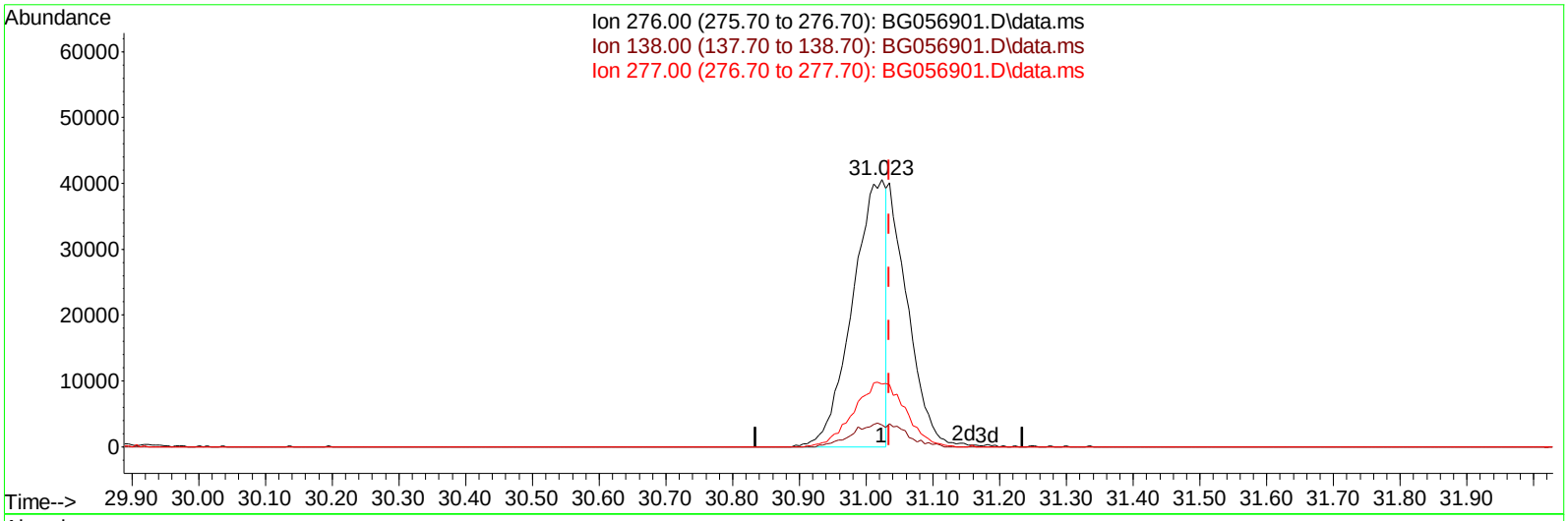

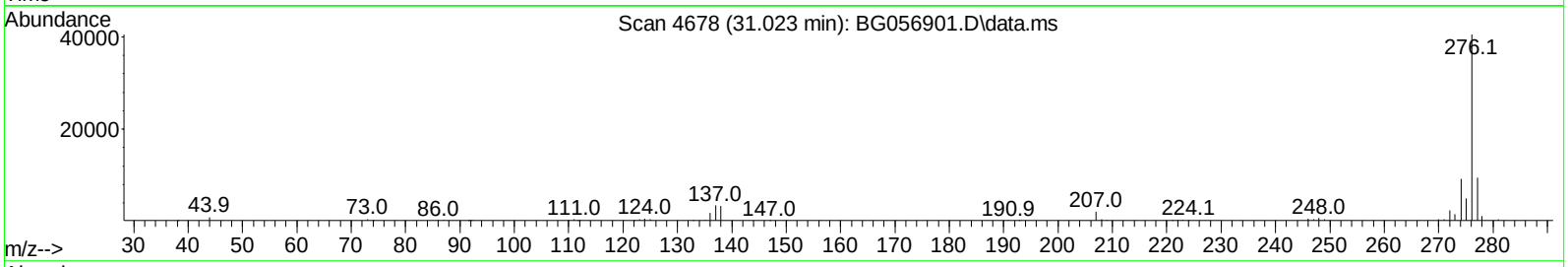

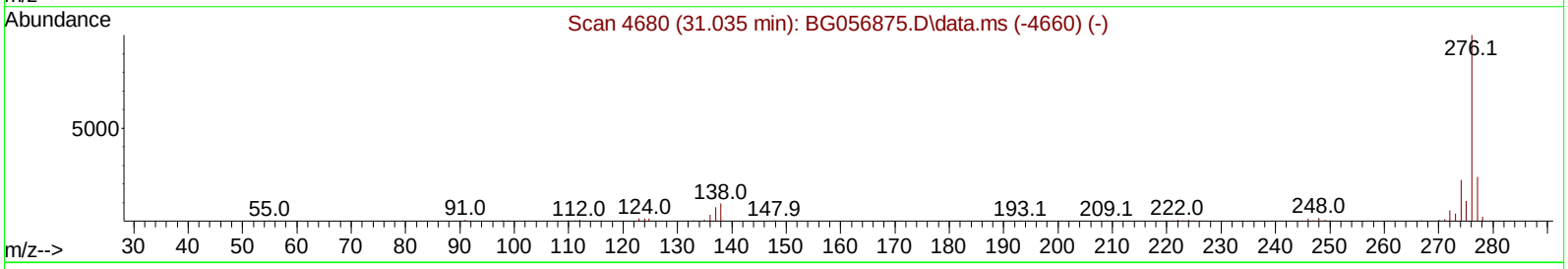

TIC: BG056901.D\data.ms

(96) Benzo(g,h,i)perylene

31.023min (-0.012) 13.21 ng/ul

response 140122

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	8.09
277.00	20.60	23.38
0.00	0.00	0.00

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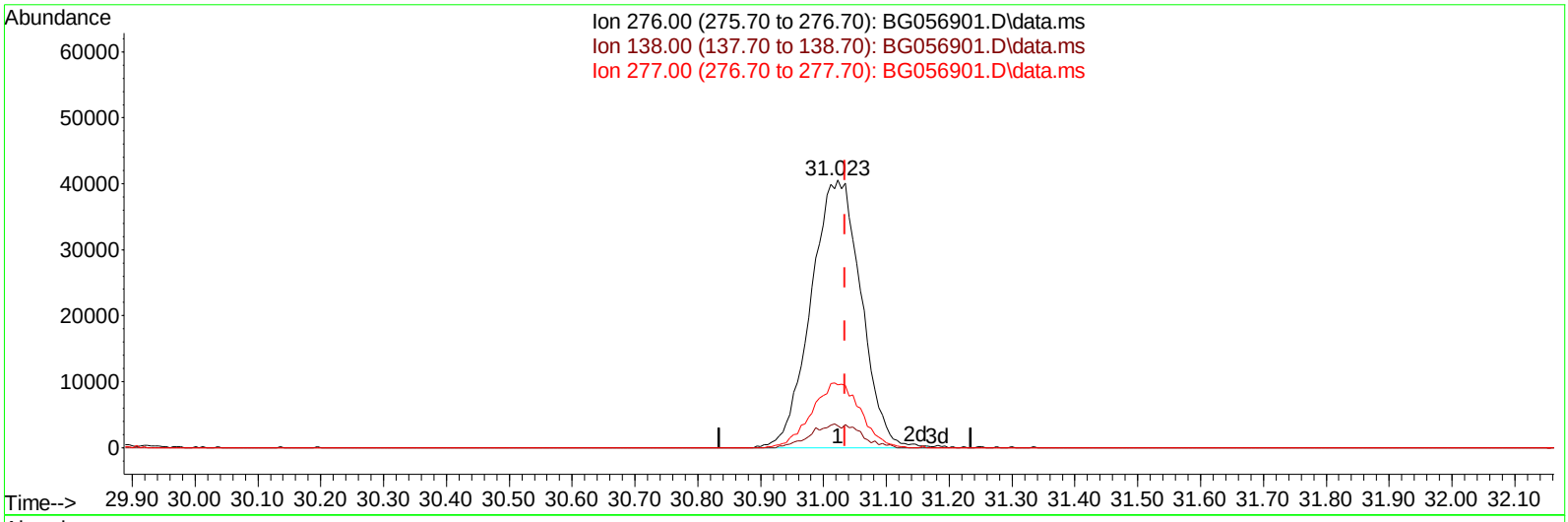

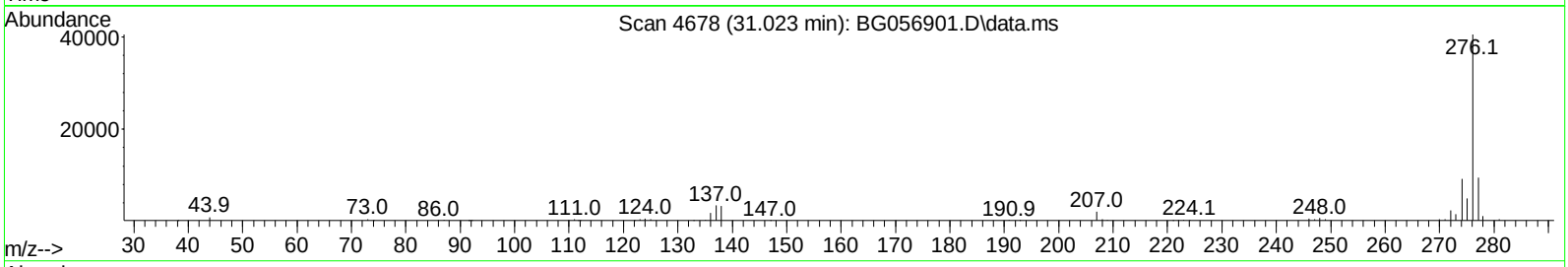

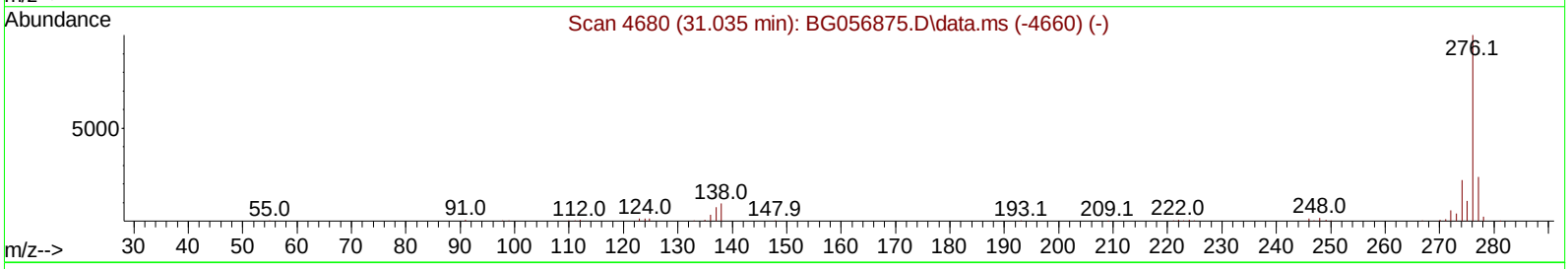

TIC: BG056901.D\data.ms

(96) Benzo(g,h,i)perylene

31.023min (-0.012) 21.11 ng/ul m

response 223900

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	7.60	8.09
277.00	20.60	23.38
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	8.414	152	15663	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	67219	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.030	164	57842	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.768	188	157649	20.000	ng/ul	0.00
79) Chrysene-d12	22.098	240	152083	20.000	ng/ul	0.00
88) Perylene-d12	25.647	264	165703	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.690	96	3600	8.913	ng/uL	0.00
4) Pyridine-d5	4.131	84	26271	19.994	ng/ul	0.00
7) Phenol-d5	7.539	99	32576	20.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.715	67	20952	20.779	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	20346	20.251	ng/ul	0.00
15) 4-Methylphenol-d8	9.108	113	24298	20.059	ng/ul	0.00
21) Nitrobenzene-d5	9.589	128	11566	20.745	ng/ul	0.00
24) 2-Nitrophenol-d4	10.324	143	14268	21.633	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	27323	21.387	ng/ul	0.00
31) 4-Chloroaniline-d4	11.381	131	35084	20.841	ng/ul	0.00
46) Dimethylphthalate-d6	14.419	166	100888	20.391	ng/ul	0.00
49) Acenaphthylene-d8	14.730	160	110240	20.293	ng/ul	0.00
54) 4-Nitrophenol-d4	15.195	143	18201	21.710	ng/ul	0.00
60) Fluorene-d10	16.017	176	92844	20.237	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	21961	19.275	ng/ul	0.00
73) Anthracene-d10	17.868	188	157264	20.640	ng/ul	0.00
81) Pyrene-d10	20.130	212	194974	21.048	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.400	264	188813	20.810	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.732	88	3953	8.782	ng/uL#	80
5) Pyridine	4.149	79	30132	21.405	ng/ul	93
6) Benzaldehyde	7.539	77	20905	24.740	ng/ul	90
8) Phenol	7.568	94	33016	20.173	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.815	93	23480	20.421	ng/ul	97
12) 2-Chlorophenol	7.974	128	21200	20.537	ng/ul	96
13) 2-Methylphenol	8.843	108	24279	20.177	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.943	45	32192m	20.399	ng/ul	
16) Acetophenone	9.243	105	45049	21.731	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.213	70	24855	20.614	ng/ul#	97
18) 4-Methylphenol	9.172	108	27984	21.427	ng/ul	99
19) Hexachloroethane	9.519	117	9096	21.336	ng/ul	93
22) Nitrobenzene	9.636	77	37047	21.294	ng/ul	97
23) Isophorone	10.153	82	70292	20.697	ng/ul	96
25) 2-Nitrophenol	10.353	139	14487	21.009	ng/ul	94
26) 2,4-Dimethylphenol	10.394	107	32248	21.332	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.629	93	35773	21.638	ng/ul	91
29) 2,4-Dichlorophenol	10.888	162	27571	22.385	ng/ul	96
30) Naphthalene	11.311	128	75135	20.235	ng/ul	97
32) 4-Chloroaniline	11.405	127	35068	21.262	ng/ul	100
33) Hexachlorobutadiene	11.587	225	19570	20.190	ng/ul	96
34) Caprolactam	12.145	113	10330	22.890	ng/ul	92
35) 4-Chloro-3-methylphenol	12.492	107	31785	22.228	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36)	2-Methylnaphthalene	12.886	142	56703	21.230 ng/ul	96
37)	1-Methylnaphthalene	13.103	142	56655	21.230 ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.244	216	42486	19.877 ng/ul	95
40)	Hexachlorocyclopentadiene	13.220	237	26680	18.358 ng/ul	96
41)	2,4,6-Trichlorophenol	13.467	196	28775	20.673 ng/ul#	85
42)	2,4,5-Trichlorophenol	13.544	196	32068	20.698 ng/ul	91
43)	1,1'-Biphenyl	13.867	154	86911	20.062 ng/ul	96
44)	2-Chloronaphthalene	13.920	162	71994	20.156 ng/ul	97
45)	2-Nitroaniline	14.108	65	27847	21.142 ng/ul	92
47)	Dimethylphthalate	14.466	163	100937	20.182 ng/ul	98
48)	2,6-Dinitrotoluene	14.589	165	21041	20.921 ng/ul#	93
50)	Acenaphthylene	14.760	152	111247	20.264 ng/ul	97
51)	3-Nitroaniline	14.918	138	20186	22.245 ng/ul	95
52)	Acenaphthene	15.095	153	76658	19.965 ng/ul	97
53)	2,4-Dinitrophenol	15.124	184	13462	18.259 ng/ul	93
55)	4-Nitrophenol	15.206	109	20918	19.357 ng/ul	90
56)	Dibenzofuran	15.424	168	117138	19.957 ng/ul	98
57)	2,4-Dinitrotoluene	15.371	165	31754	20.480 ng/ul#	93
58)	2,3,4,6-Tetrachlorophenol	15.641	232	31809	21.305 ng/ul#	97
59)	Diethylphthalate	15.812	149	102066	20.190 ng/ul	97
61)	Fluorene	16.070	166	97290	20.815 ng/ul	95
62)	4-Chlorophenyl-phenyle...	16.052	204	56841	20.270 ng/ul	98
63)	4-Nitroaniline	16.082	138	19599	21.771 ng/ul	89
66)	4,6-Dinitro-2-methylph...	16.135	198	21346	19.576 ng/ul#	97
67)	N-Nitrosodiphenylamine	16.264	169	88303	20.858 ng/ul	96
68)	4-Bromophenyl-phenylether	16.945	248	41938	21.447 ng/ul	94
69)	Hexachlorobenzene	17.075	284	43377	20.449 ng/ul	95
70)	Atrazine	17.198	200	40173	21.105 ng/ul	96
71)	Pentachlorophenol	17.416	266	24892	19.909 ng/ul	95
72)	Phenanthrene	17.815	178	177223	20.889 ng/ul	100
74)	Anthracene	17.903	178	177888	20.582 ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.843	216	46048	20.380 ng/uL	96
76)	Pentachlorobenzene	15.347	250	47469	20.123 ng/uL	93
77)	Carbazole	18.168	167	154950	21.126 ng/ul	98
78)	Di-n-butylphthalate	18.691	149	176411	20.794 ng/ul	100
80)	Fluoranthene	19.801	202	236006	21.373 ng/ul	99
82)	Pyrene	20.159	202	233191	21.090 ng/ul	99
83)	Butylbenzylphthalate	21.023	149	78366	21.370 ng/ul	96
84)	3,3'-Dichlorobenzidine	21.969	252	83745	22.731 ng/ul	99
85)	Benzo(a)anthracene	22.075	228	234775	21.117 ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.928	149	110849	21.152 ng/ul	97
87)	Chrysene	22.145	228	212417	20.617 ng/ul	98
89)	Di-n-octyl phthalate	23.250	149	189092	20.953 ng/ul	100
90)	Benzo(b)fluoranthene	24.507	252	237225	20.943 ng/ul	100
91)	Benzo(k)fluoranthene	24.578	252	229017	21.046 ng/ul	99
93)	Benzo(a)pyrene	25.477	252	201319	20.802 ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	29.736	276	277245	20.963 ng/ul	99
95)	Dibenzo(a,h)anthracene	29.801	278	228059	20.896 ng/ul#	98
96)	Benzo(g,h,i)perylene	31.023	276	223900m	21.114 ng/ul	

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

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