Quantitation Report (Qedit)

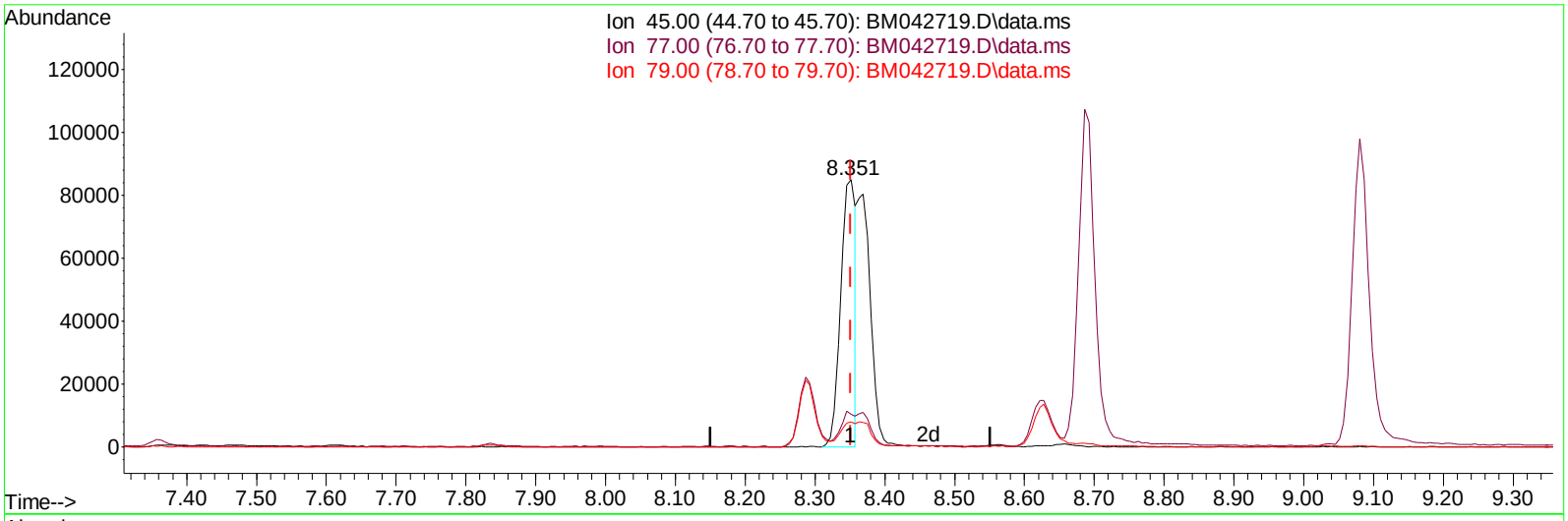
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042719.D
Acq On : 14 Nov 2023 01:37
Operator : MA/JU
Sample : 05016-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

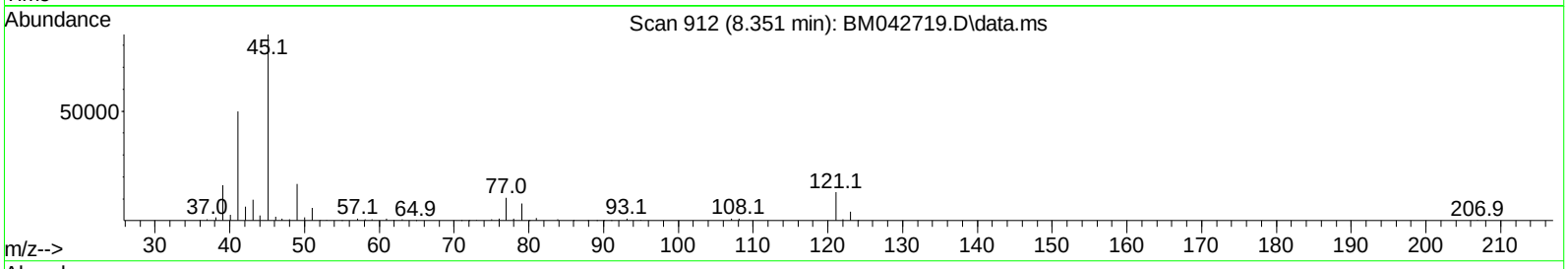
Quant Time: Nov 14 11:42:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration

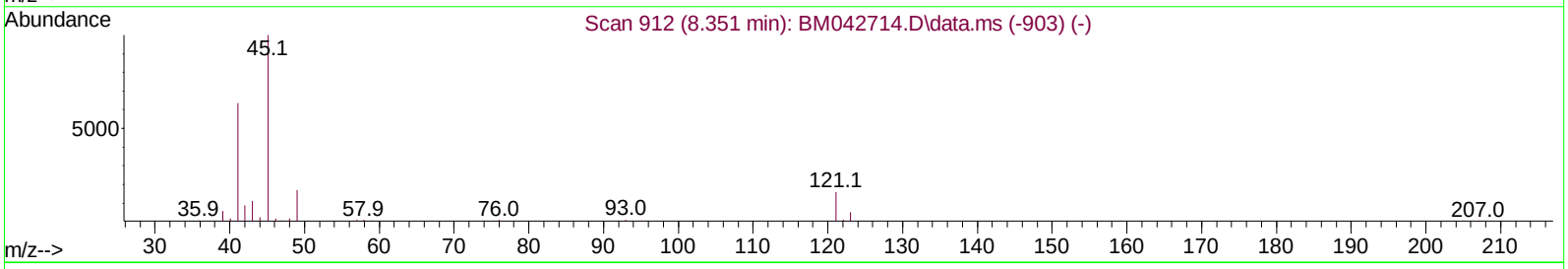
Instrument :
BNA_M
ClientSampleId :
A49A1MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023







TIC: BM042719.D\data.ms

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

8.351min (-0.000) 33.51 ng/ul

response 125651

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.28
79.00	10.20	9.44
0.00	0.00	0.00

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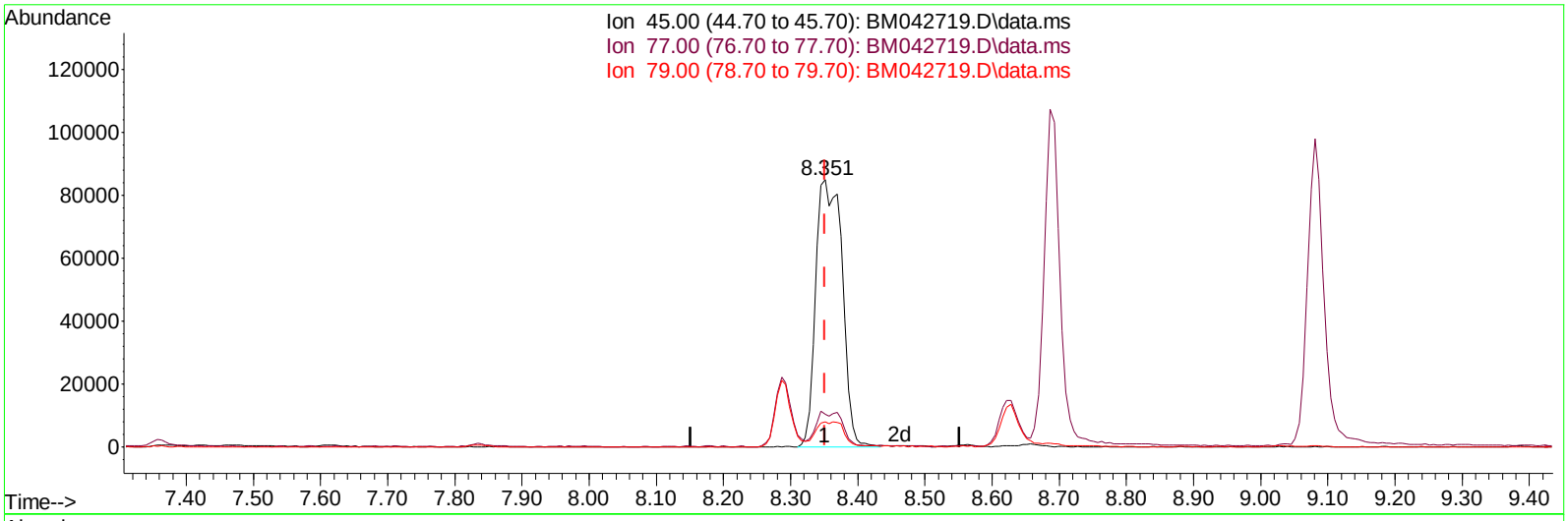

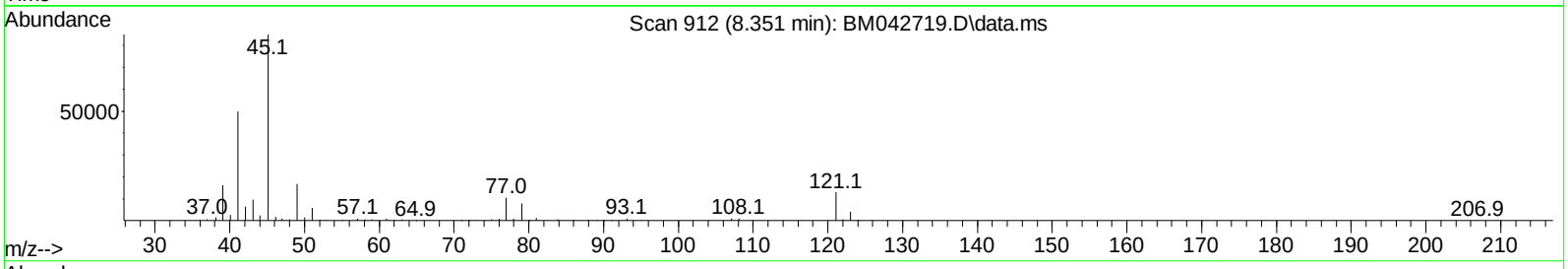

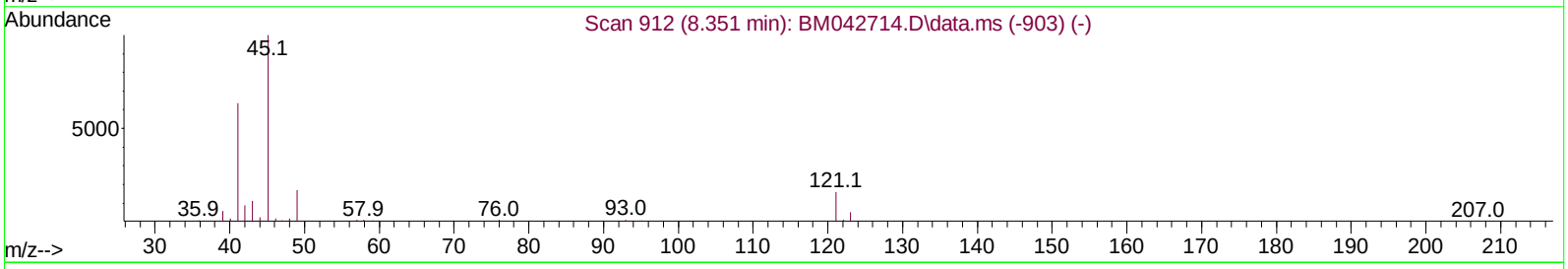

TIC: BM042719.D\data.ms

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

8.351min (-0.000) 61.55 ng/ul m

response 230811

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	15.20	12.28
79.00	10.20	9.44
0.00	0.00	0.00

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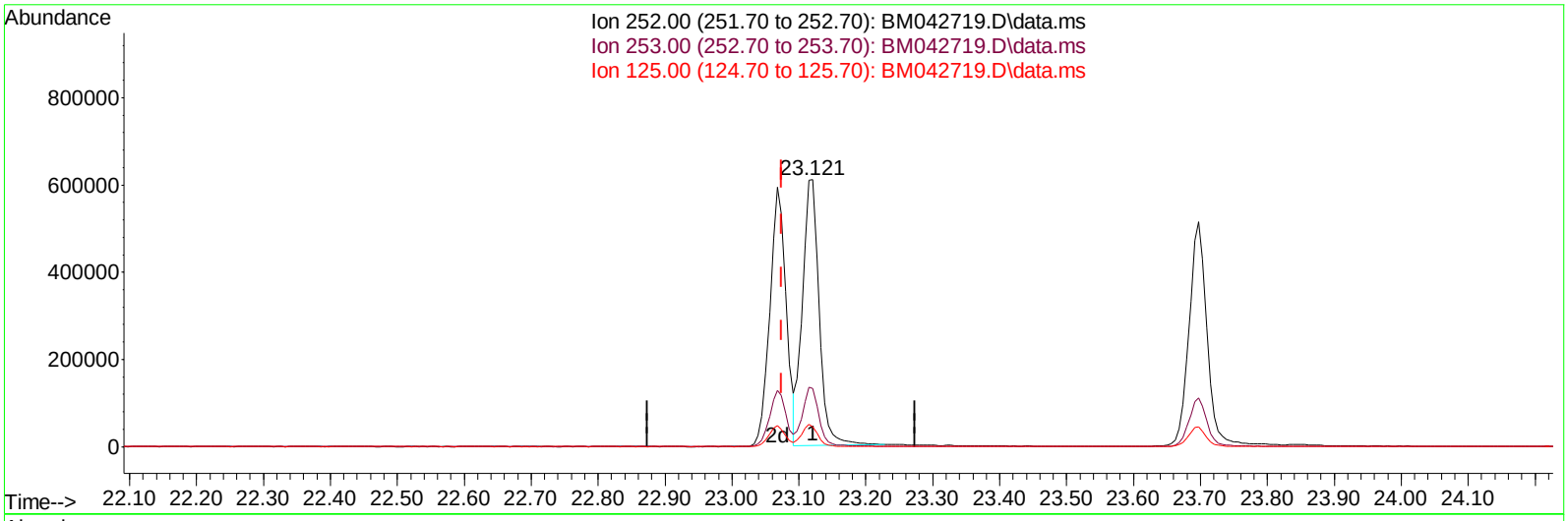

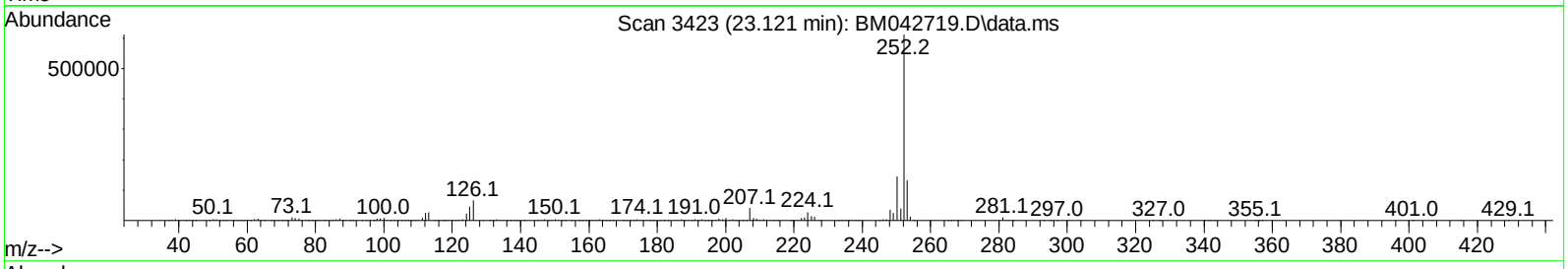

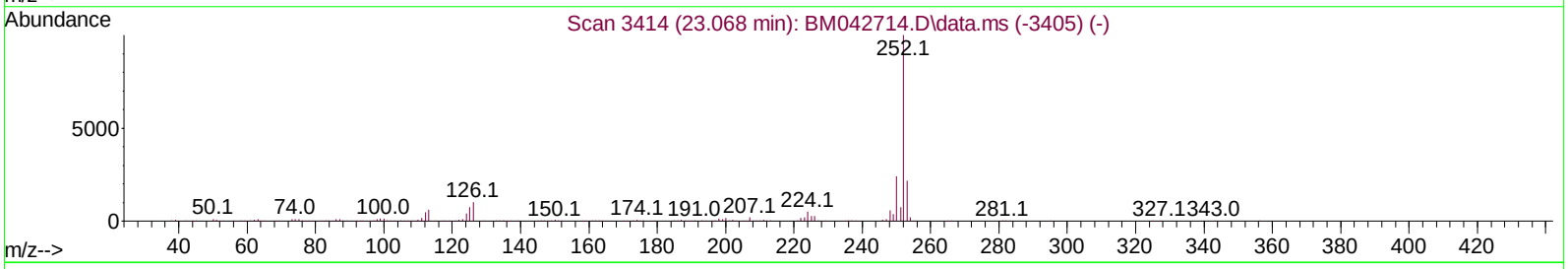

TIC: BM042719.D\data.ms

(90) Benzo(b)fluoranthene

23.121min (+ 0.047) 78.96 ng/ul

response 1058645

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	21.83
125.00	6.50	7.54
0.00	0.00	0.00

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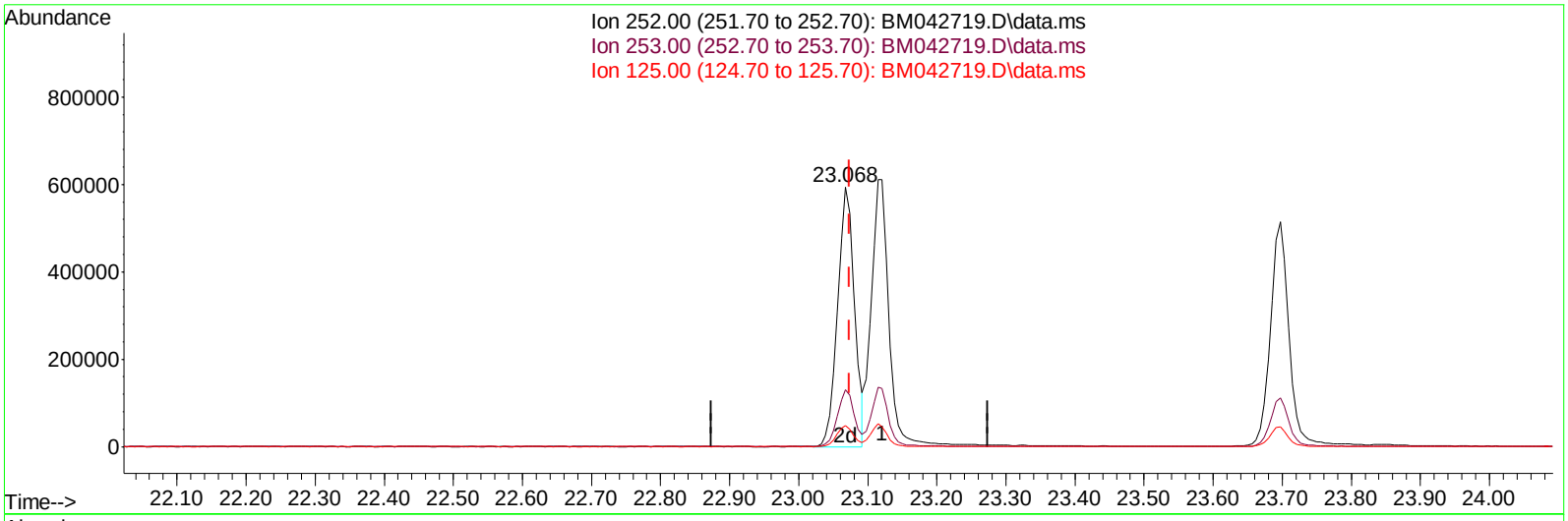

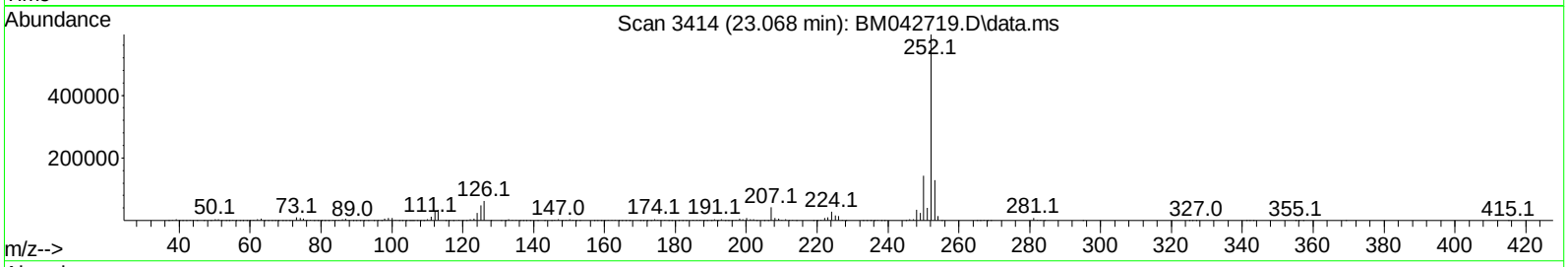

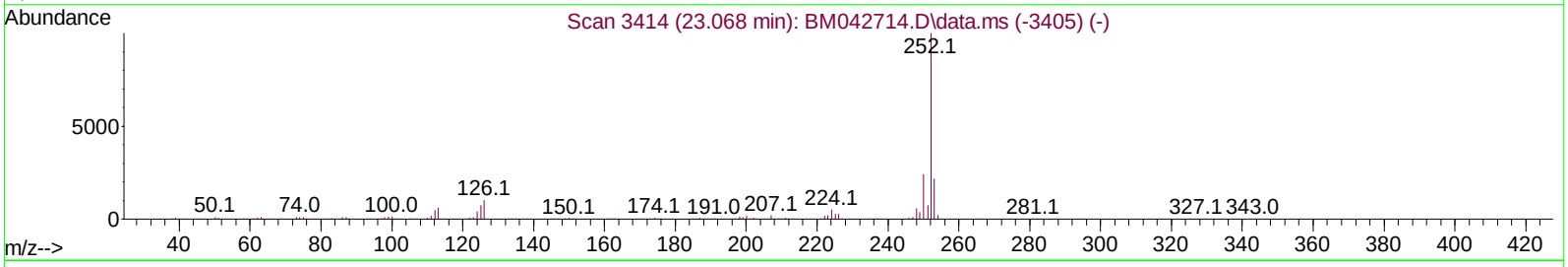

TIC: BM042719.D\data.ms

(90) Benzo(b)fluoranthene

23.068min (-0.006) 75.08 ng/ul m

response 1006636

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.30	21.85
125.00	6.50	8.15#
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	7.834	152	25759	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	110316	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.492	164	73849	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	164868	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	184285	20.000	ng/ul	# 0.00
88) Perylene-d12	23.797	264	196458	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5237	6.379	ng/uL	0.00
4) Pyridine-d5	3.628	84	32834	16.079	ng/ul	0.00
7) Phenol-d5	7.004	99	31145	12.423	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	99411	56.432	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	77406	40.015	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	53321	27.012	ng/ul	0.00
21) Nitrobenzene-d5	9.039	128	49312	50.985	ng/ul	0.00
24) 2-Nitrophenol-d4	9.751	143	54427	48.104	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	99879	47.475	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	102109	38.226	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	388579	55.596	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	383761	51.317	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	9653	12.224	ng/ul	0.00
60) Fluorene-d10	15.486	176	316599	54.702	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	81042	64.894	ng/ul	0.00
73) Anthracene-d10	17.345	188	545344	59.022	ng/ul	0.00
81) Pyrene-d10	19.645	212	779872	64.625	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.644	264	767655	65.325	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	8843	10.115	ng/uL	91
5) Pyridine	3.646	79	40911	18.424	ng/ul	96
6) Benzaldehyde	6.998	77	82238	57.174	ng/ul	97
8) Phenol	7.034	94	37633	15.091	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.281	93	118197	57.381	ng/ul	94
12) 2-Chlorophenol	7.393	128	85413	44.367	ng/ul	89
13) 2-Methylphenol	8.287	108	66412	35.714	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.351	45	230811m	61.553	ng/ul	
16) Acetophenone	8.687	105	184845	55.690	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.657	70	119922	59.352	ng/ul	95
18) 4-Methylphenol	8.622	108	59298	29.330	ng/ul	95
19) Hexachloroethane	8.892	117	49337	45.981	ng/ul	87
22) Nitrobenzene	9.081	77	168463	57.629	ng/ul	99
23) Isophorone	9.586	82	339985	58.395	ng/ul	97
25) 2-Nitrophenol	9.781	139	59628	51.871	ng/ul	93
26) 2,4-Dimethylphenol	9.822	107	75918	30.867	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.081	93	169360	57.565	ng/ul	98
29) 2,4-Dichlorophenol	10.298	162	100710	50.561	ng/ul	98
30) Naphthalene	10.704	128	352250	50.968	ng/ul	99
32) 4-Chloroaniline	10.851	127	101563	39.632	ng/ul	96
33) Hexachlorobutadiene	10.922	225	79577	45.228	ng/ul	97
34) Caprolactam	11.686	113	4246	7.189	ng/ul	93
35) 4-Chloro-3-methylphenol	11.951	107	105942	49.637	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	253615	54.753	ng/ul	98
37) 1-Methylnaphthalene	12.533	142	253559	52.065	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.663	216	157623	54.423	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	49596	36.170	ng/ul	96
41) 2,4,6-Trichlorophenol	12.922	196	98135	55.472	ng/ul	95
42) 2,4,5-Trichlorophenol	12.998	196	105745	61.903	ng/ul	98
43) 1,1'-Biphenyl	13.327	154	359381	58.353	ng/ul	97
44) 2-Chloronaphthalene	13.374	162	280889	56.693	ng/ul	95
45) 2-Nitroaniline	13.622	65	117997	73.026	ng/ul	92
47) Dimethylphthalate	13.963	163	420326	61.744	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	81494	63.720	ng/ul	95
50) Acenaphthylene	14.221	152	488992	58.356	ng/ul	100
51) 3-Nitroaniline	14.457	138	64240	61.426	ng/ul	96
52) Acenaphthene	14.557	153	331242	58.450	ng/ul	99
53) 2,4-Dinitrophenol	14.663	184	41992	66.034	ng/ul	91
55) 4-Nitrophenol	14.763	109	10456	8.415	ng/ul	96
56) Dibenzofuran	14.898	168	475120	60.404	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	137274	73.111	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.116	232	110193	62.143	ng/ul#	98
59) Diethylphthalate	15.316	149	469893	65.825	ng/ul	98
61) Fluorene	15.545	166	430924	64.528	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	229745	63.836	ng/ul	99
63) 4-Nitroaniline	15.627	138	72223	75.750	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.651	198	87972	69.193	ng/ul	95
67) N-Nitrosodiphenylamine	15.763	169	344710	66.663	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	138147	62.950	ng/ul	95
69) Hexachlorobenzene	16.515	284	178536	66.549	ng/ul	96
70) Atrazine	16.715	200	127746	64.137	ng/ul	99
71) Pentachlorophenol	16.880	266	104851	67.871	ng/ul	98
72) Phenanthrene	17.292	178	721717	70.072	ng/ul	99
74) Anthracene	17.380	178	697377	67.314	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.280	216	159826	54.824	ng/uL	98
76) Pentachlorobenzene	14.786	250	169084	55.276	ng/uL	98
77) Carbazole	17.674	167	627999	73.412	ng/ul	98
78) Di-n-butylphthalate	18.192	149	941494	75.264	ng/ul	99
80) Fluoranthene	19.304	202	967092	70.285	ng/ul	97
82) Pyrene	19.674	202	1044160	71.570	ng/ul	99
83) Butylbenzylphthalate	20.550	149	440150	70.633	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.356	252	215569	45.705	ng/ul	98
85) Benzo(a)anthracene	21.415	228	1051717	72.701	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.297	149	697685	73.794	ng/ul	100
87) Chrysene	21.468	228	1035574	73.813	ng/ul	100
89) Di-n-octyl phthalate	22.209	149	1180794	74.407	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	1006636m	75.082	ng/ul	
91) Benzo(k)fluoranthene	23.121	252	1058645	74.176	ng/ul	99
93) Benzo(a)pyrene	23.697	252	963230	73.729	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.285	276	1243212	76.569	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.291	278	1051728	78.132	ng/ul	99
96) Benzo(g,h,i)perylene	27.050	276	928949	72.051	ng/ul	98

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

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