Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081621\
Data File : BN015886.D
Acq On : 16 Aug 2021 19:58
Operator : CG/JU
Sample : M2250-05
Misc : SFAM-MDL-ME-SOIL-01
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 17 01:03:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 16 16:09:12 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT3-2021-05

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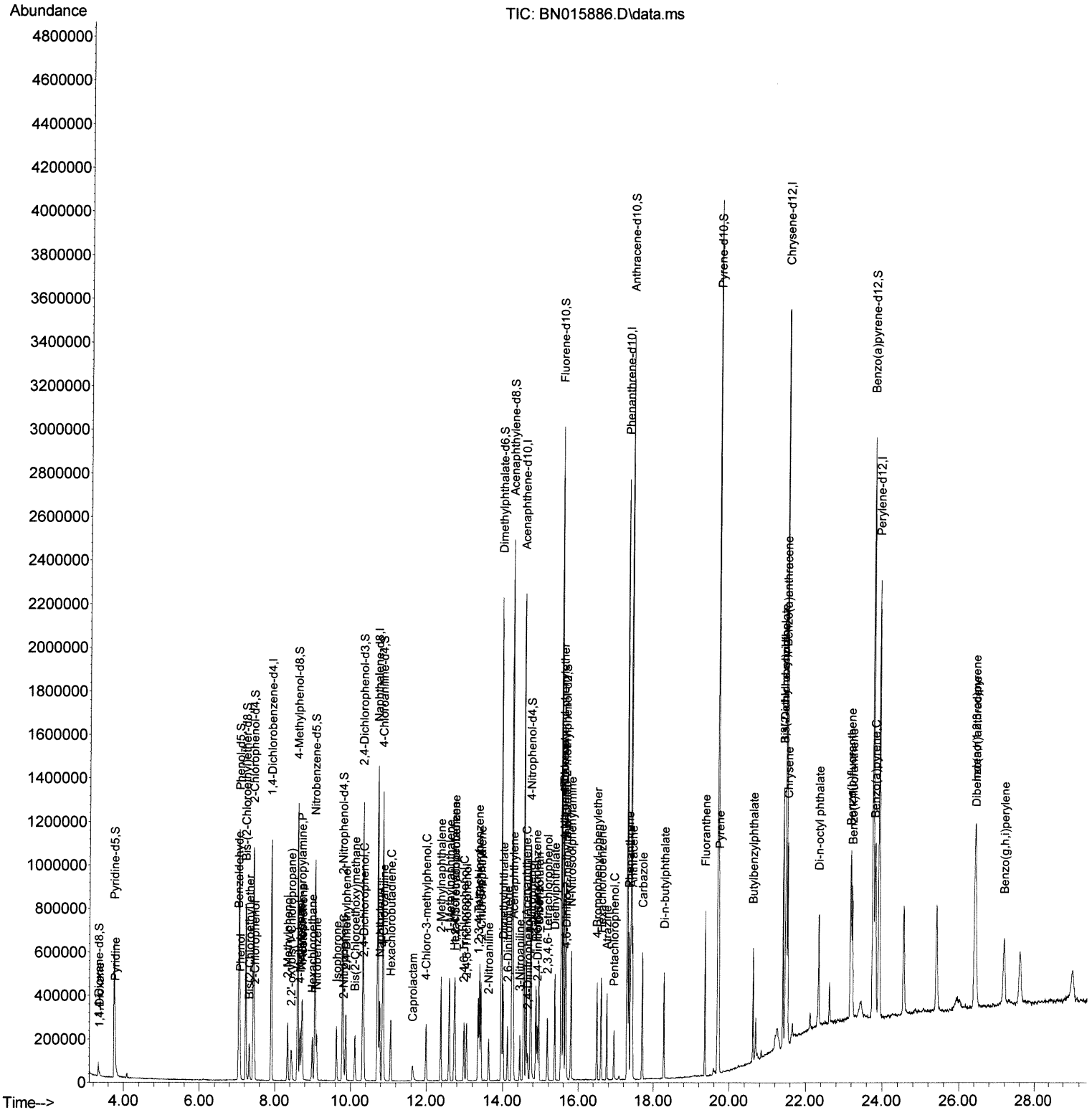

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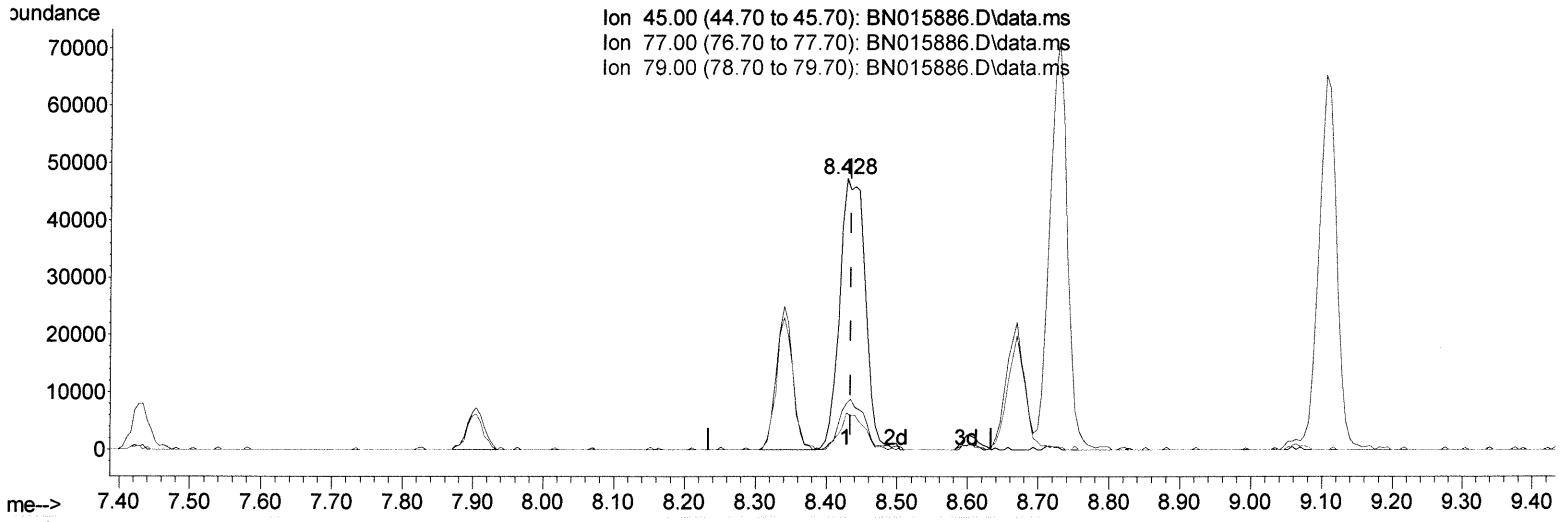

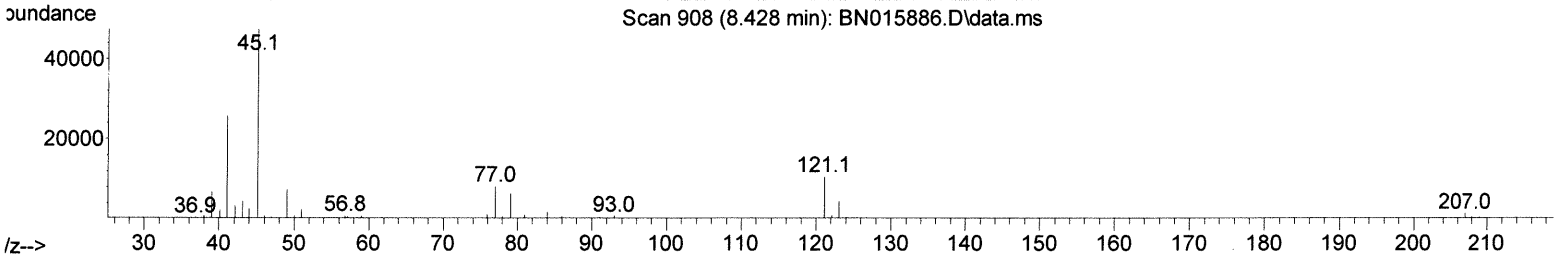

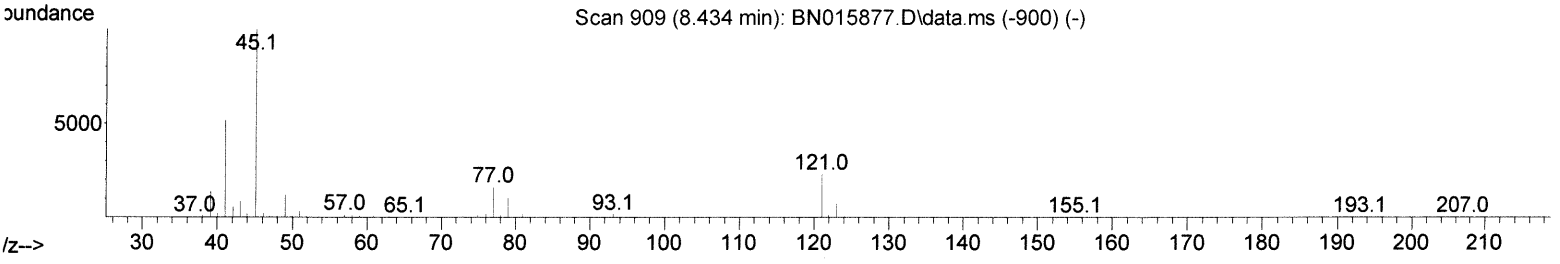

TIC: BN015886.D\data.ms

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

8.428min (-0.006) 2.26 ng/ul

response 60603

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.50	17.17
79.00	10.90	13.52#
0.00	0.00	0.00

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Instrument :
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Manual Integrations APPROVED
mohammad
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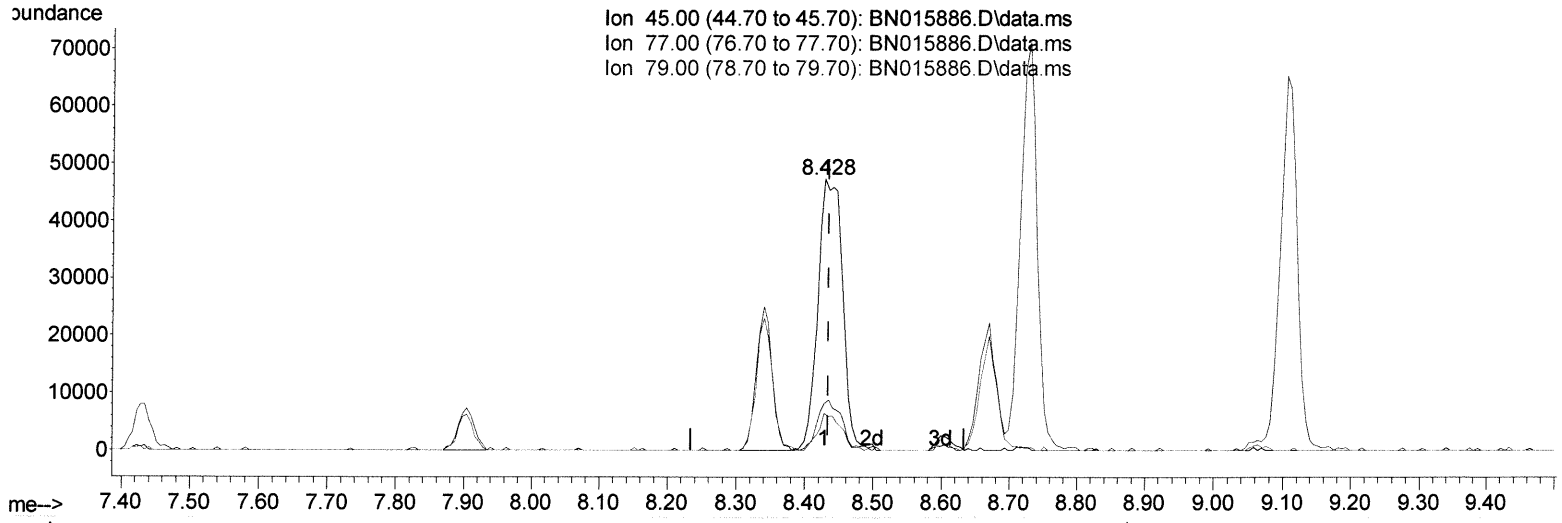

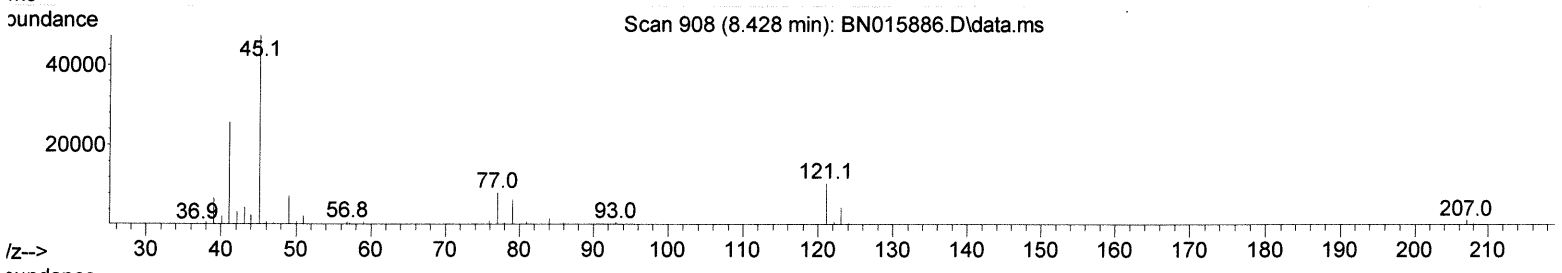

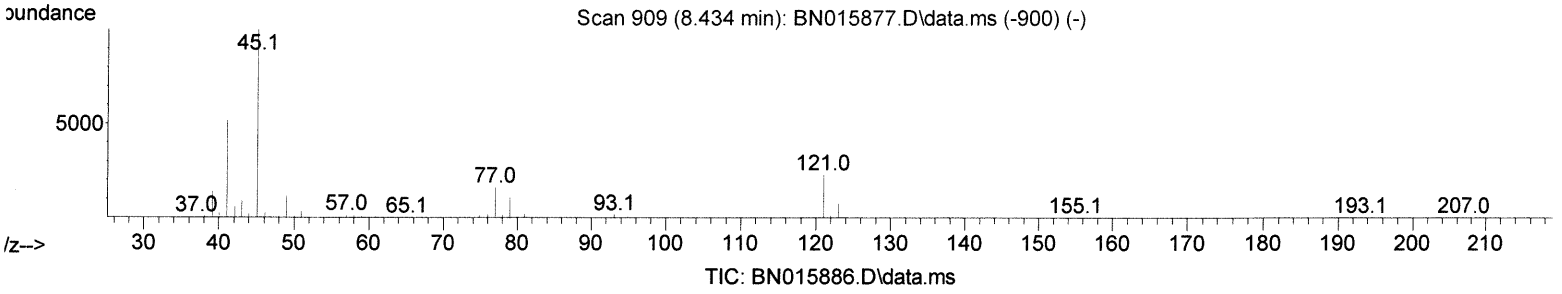

TIC: BN015886.D\data.ms

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

8.428min (-0.006) 4.41 ng/ul m JU 8/19/21

response 117950

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.50	17.17
79.00	10.90	13.52#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	290140	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1183005	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	754321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1593537	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1586391	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1519270	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	32827	4.407	ng/uL	0.00
4) Pyridine-d5	3.746	84	339236	16.296	ng/ul	0.00
7) Phenol-d5	7.058	99	593927	22.630	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	382993	23.702	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	457732	24.510	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	456777	22.377	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	212851	24.446	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	220131	27.013	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	427364	24.235	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	616749	22.977	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1380248	24.967	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	1735607	25.069	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	210091	21.487	ng/ul	0.00
60) Fluorene-d10	15.539	176	1190726	24.693	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	177309	20.835	ng/ul	0.00
73) Anthracene-d10	17.398	188	1851415	24.788	ng/ul	0.00
81) Pyrene-d10	19.692	212	2038769	23.860	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	2172082	26.442	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	9075	1.185	ng/uL#	80
5) Pyridine	3.769	79	86665	4.038	ng/ul#	85
6) Benzaldehyde	7.040	77	76046	5.631	ng/ul	93
8) Phenol	7.081	94	114307	4.272	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	91889	4.384	ng/ul	91
12) 2-Chlorophenol	7.463	128	91521	4.768	ng/ul	96
13) 2-Methylphenol	8.340	108	82900	4.230	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.428	45	117950m	4.406	ng/ul	
16) Acetophenone	8.728	105	143964	4.370	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.710	70	72893	4.531	ng/ul	97
18) 4-Methylphenol	8.669	108	89683	4.276	ng/ul	95
19) Hexachloroethane	8.987	117	39305	4.509	ng/ul	91
22) Nitrobenzene	9.104	77	114412	4.647	ng/ul#	95
23) Isophorone	9.634	82	181150	4.229	ng/ul	98
25) 2-Nitrophenol	9.822	139	44515	5.009	ng/ul	96
26) 2,4-Dimethylphenol	9.881	107	106733	4.497	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.122	93	122441	4.654	ng/ul	95
29) 2,4-Dichlorophenol	10.351	162	83361	4.795	ng/ul	92
30) Naphthalene	10.763	128	293455	4.632	ng/ul	99
32) 4-Chloroaniline	10.869	127	120284	4.539	ng/ul	97
33) Hexachlorobutadiene	11.051	225	62342	4.667	ng/ul	91
34) Caprolactam	11.640	113	18796	3.450	ng/ul	88
35) 4-Chloro-3-methylphenol	11.987	107	90837	4.411	ng/ul	92

=> JH 8/19/21

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	211016	4.789	ng/ul	94
37) 1-Methylnaphthalene	12.593	142	209909	4.786	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.745	216	117793	4.827	ng/ul	97
40) Hexachlorocyclopentadiene	12.728	237	70343	4.446	ng/ul	94
41) 2,4,6-Trichlorophenol	12.975	196	59316	4.445	ng/ul	94
42) 2,4,5-Trichlorophenol	13.045	196	63962	4.391	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	265114	4.545	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	208061	4.620	ng/ul	98
45) 2-Nitroaniline	13.622	65	51589	4.042	ng/ul	96
47) Dimethylphthalate	14.004	163	259750	4.740	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	40937	4.125	ng/ul	96
50) Acenaphthylene	14.269	152	320289	4.867	ng/ul	99
51) 3-Nitroaniline	14.445	138	42674	3.999	ng/ul#	98
52) Acenaphthene	14.610	153	221143	4.646	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	24631	4.467	ng/ul	88
55) 4-Nitrophenol	14.745	109	41746	4.363	ng/ul	97
56) Dibenzofuran	14.945	168	316366	4.807	ng/ul	95
57) 2,4-Dinitrotoluene	14.904	165	61456	4.299	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.169	232	53572	4.444	ng/ul	99
59) Diethylphthalate	15.369	149	253526	4.627	ng/ul	99
61) Fluorene	15.598	166	252450	4.701	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.592	204	127971	4.570	ng/ul	99
63) 4-Nitroaniline	15.604	138	46495	4.548	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	33854	4.000	ng/ul#	98
67) N-Nitrosodiphenylamine	15.804	169	213873	4.598	ng/ul	93
68) 4-Bromophenyl-phenylether	16.486	248	77964	4.559	ng/ul	90
69) Hexachlorobenzene	16.604	284	96359	4.822	ng/ul	98
70) Atrazine	16.751	200	69690	4.131	ng/ul	94
71) Pentachlorophenol	16.945	266	39255	3.502	ng/ul	96
72) Phenanthrene	17.339	178	398799	4.604	ng/ul	100
74) Anthracene	17.433	178	406780	4.599	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	110461	4.401	ng/uL	98
76) Pentachlorobenzene	14.869	250	110158	4.509	ng/uL	91
77) Carbazole	17.698	167	341990	4.398	ng/ul	98
78) Di-n-butylphthalate	18.275	149	356364	4.031	ng/ul	100
80) Fluoranthene	19.357	202	457760	4.428	ng/ul	99
82) Pyrene	19.722	202	488054	4.536	ng/ul	97
83) Butylbenzylphthalate	20.622	149	140370	3.879	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.404	252	138552	4.265	ng/ul	99
85) Benzo(a)anthracene	21.469	228	458391	4.491	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.404	149	237654	4.141	ng/ul	96
87) Chrysene	21.521	228	458054	4.635	ng/ul	95
89) Di-n-octyl phthalate	22.339	149	356332	3.706	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	459207	4.597	ng/ul	98
91) Benzo(k)fluoranthene	23.215	252	447078	4.496	ng/ul	99
93) Benzo(a)pyrene	23.798	252	409942	4.534	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.415	276	519200	4.631	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	434998	4.700	ng/ul#	93
96) Benzo(g,h,i)perylene	27.186	276	410624	4.430	ng/ul	99

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