Quantitation Report (Qedit)

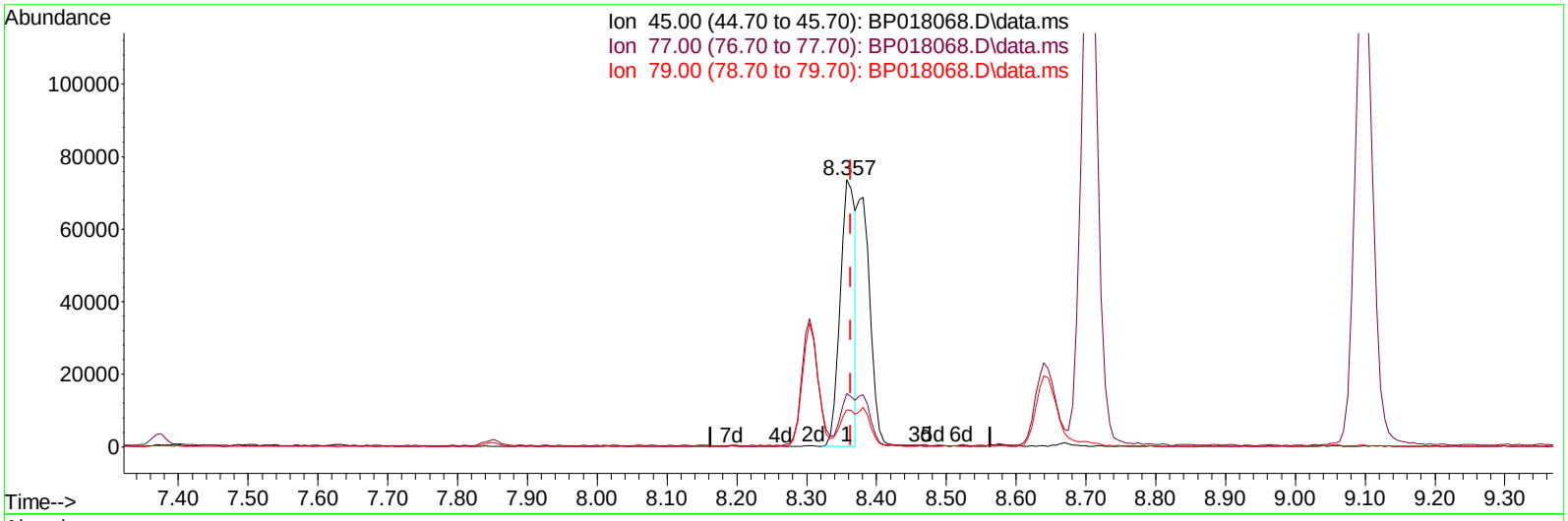
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
Data File : BP018068.D
Acq On : 11 Nov 2023 16:21
Operator : MA/JU
Sample : 05016-02MS
Misc :
ALS Vial : 46 Sample Multiplier: 1

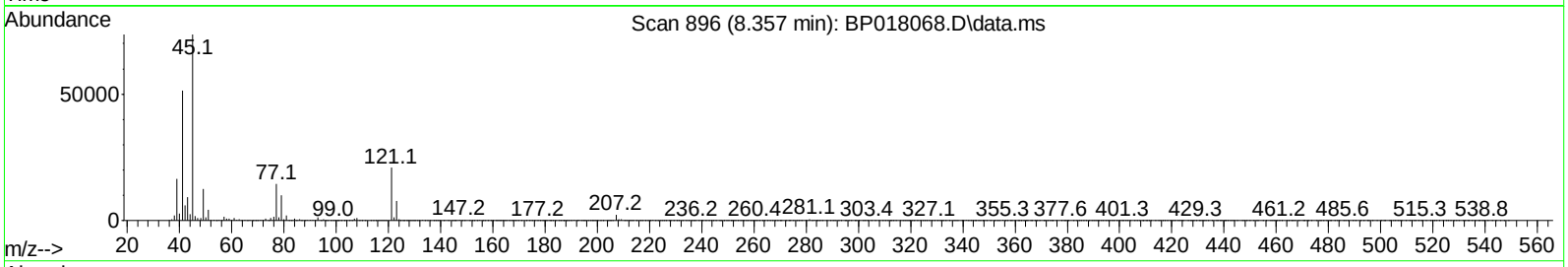
Quant Time: Nov 11 21:48:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 21:55:18 2023
Response via : Initial Calibration

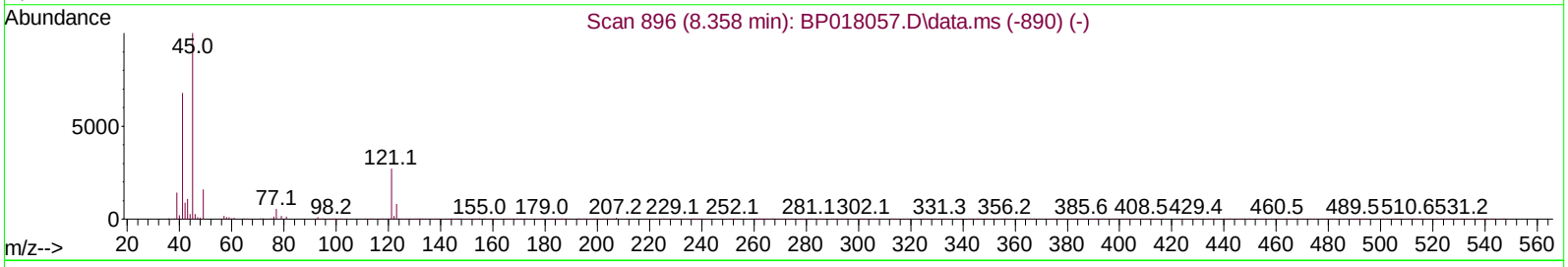
Instrument :
BNA_P
ClientSampleId :
A49A1MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/12/2023
Supervised By :mohammad ahmed 11/15/2023







TIC: BP018068.D\data.ms

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

8.357min (-0.006) 24.41 ng/ul

response 110111

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	20.10	19.83
79.00	13.90	13.73
0.00	0.00	0.00

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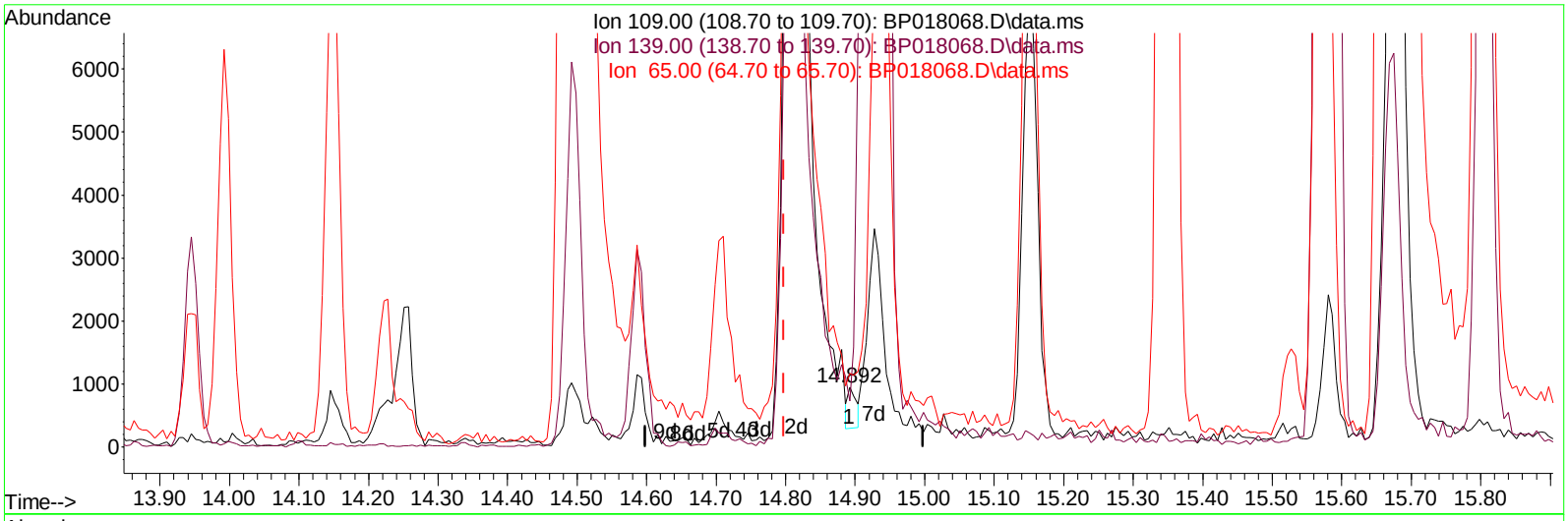

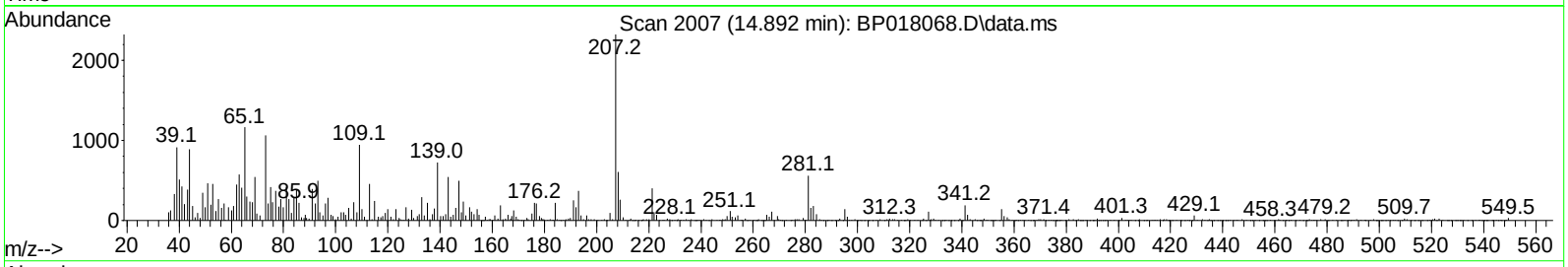

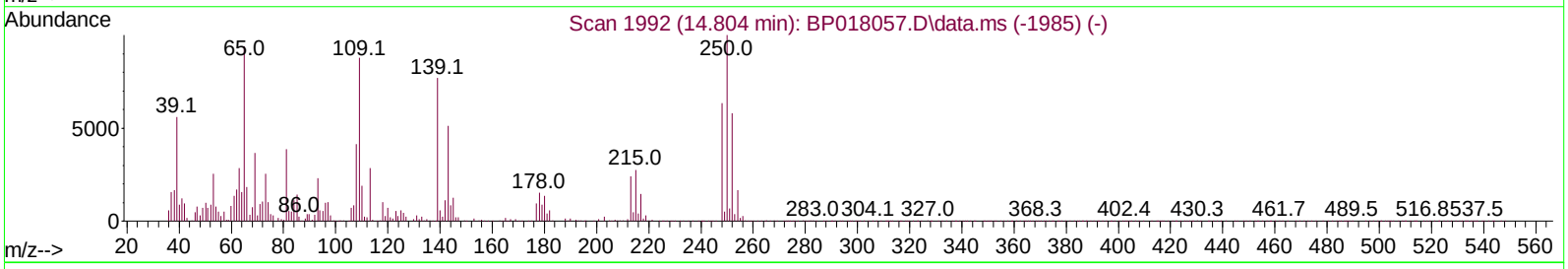

TIC: BP018068.D\data.ms

(55) 4-Nitrophenol

14.892min (+ 0.094) 0.20 ng/ul

response 546

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	93.60	76.05
65.00	117.20	122.68
0.00	0.00	0.00

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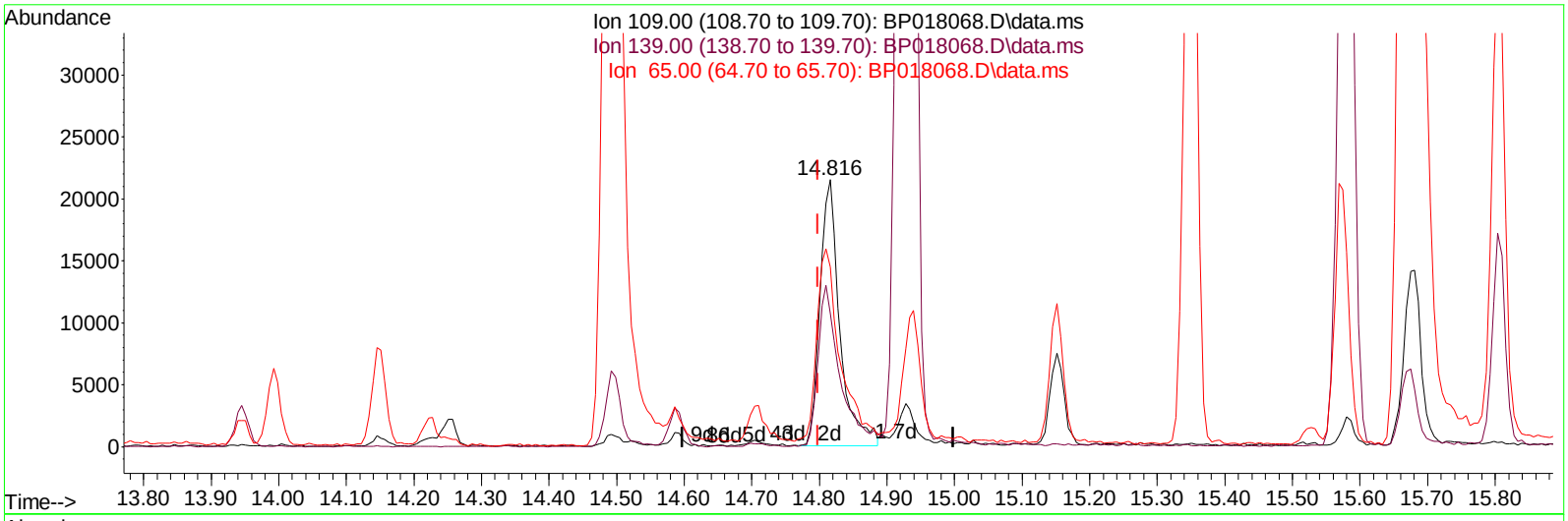

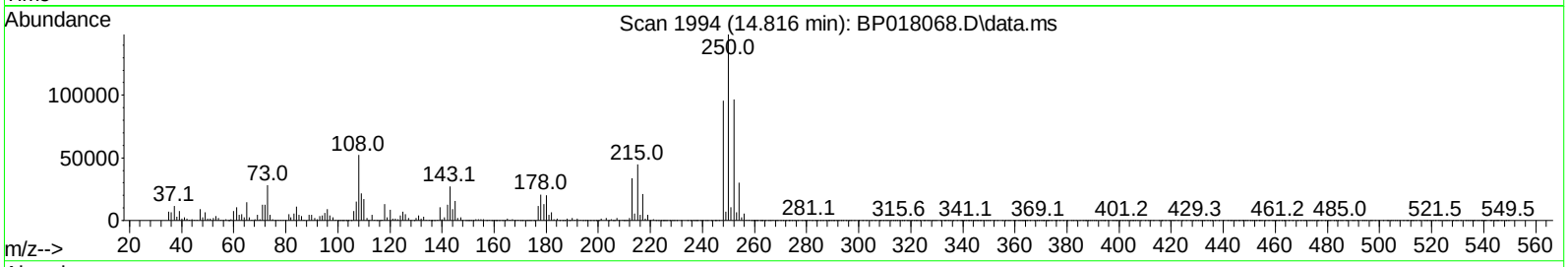

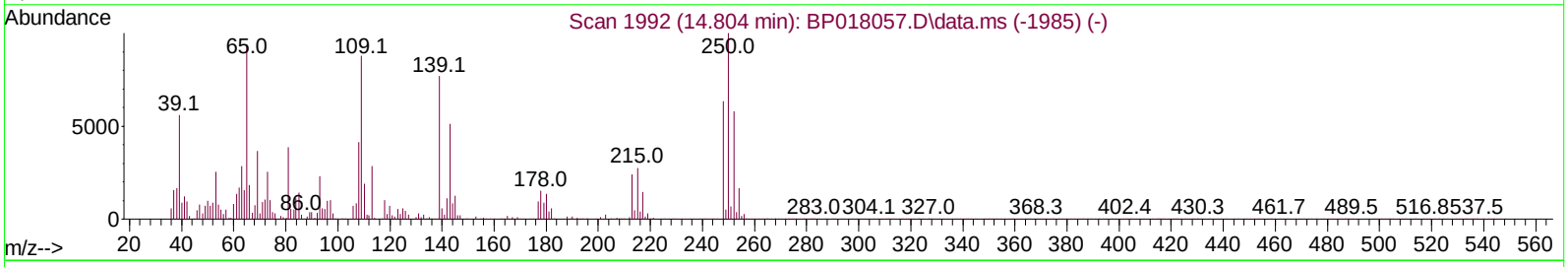

TIC: BP018068.D\data.ms

(55) 4-Nitrophenol

14.816min (+ 0.018) 16.46 ng/ul m

response 43916

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	93.60	49.84#
65.00	117.20	67.21#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	53476	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	223015	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	145819	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.304	188	339232	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	334661	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	363742	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	6991	4.612	ng/uL	0.00
4) Pyridine-d5	3.669	84	45989	11.635	ng/ul	0.00
7) Phenol-d5	7.022	99	50041	9.693	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	126879	41.819	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	133206	32.582	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	88605	20.944	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	82860	41.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	91500	40.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	158485	39.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.845	131	181907	32.695	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	606827	45.102	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	609376	41.584	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	57085	28.394	ng/ul	0.04
60) Fluorene-d10	15.528	176	493170	44.397	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.680	200	128174	52.265	ng/ul	0.00
73) Anthracene-d10	17.404	188	873577	47.614	ng/ul	0.00
81) Pyrene-d10	19.657	212	1145487	51.243	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.774	264	1134635	53.646	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	11536	6.974	ng/uL	98
5) Pyridine	3.687	79	56779	13.919	ng/ul	97
6) Benzaldehyde	7.016	77	120443	43.318	ng/ul	100
8) Phenol	7.052	94	56869	11.166	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.293	93	174539	44.174	ng/ul	98
12) 2-Chlorophenol	7.404	128	144136	35.114	ng/ul	97
13) 2-Methylphenol	8.304	108	104687	27.205	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.357	45	196711m	43.602	ng/ul	
16) Acetophenone	8.704	105	290759	43.238	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	157171	42.809	ng/ul	98
18) 4-Methylphenol	8.640	108	100301	23.900	ng/ul	100
19) Hexachloroethane	8.898	117	72029	36.675	ng/ul	94
22) Nitrobenzene	9.098	77	244456	45.059	ng/ul	93
23) Isophorone	9.604	82	436331	44.075	ng/ul	98
25) 2-Nitrophenol	9.798	139	102291	43.730	ng/ul	97
26) 2,4-Dimethylphenol	9.845	107	135401	27.212	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.093	93	239258	44.320	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	166388	42.948	ng/ul	98
30) Naphthalene	10.722	128	569517	41.992	ng/ul	98
32) 4-Chloroaniline	10.869	127	180739	33.915	ng/ul	98
33) Hexachlorobutadiene	10.934	225	118476	41.657	ng/ul	96
34) Caprolactam	11.722	113	10036	7.798	ng/ul	94
35) 4-Chloro-3-methylphenol	11.981	107	183241	39.315	ng/ul	95

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	408208	43.841 ng/ul	99
37) 1-Methylnaphthalene	12.557	142	401920	42.006 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.687	216	223837	45.439 ng/ul	99
40) Hexachlorocyclopentadiene	12.622	237	69851	29.377 ng/ul	100
41) 2,4,6-Trichlorophenol	12.951	196	151380	46.845 ng/ul	97
42) 2,4,5-Trichlorophenol	13.028	196	164954	48.503 ng/ul	97
43) 1,1'-Biphenyl	13.351	154	561557	45.289 ng/ul	98
44) 2-Chloronaphthalene	13.404	162	445882	45.293 ng/ul	98
45) 2-Nitroaniline	13.657	65	167751	52.806 ng/ul	97
47) Dimethylphthalate	13.992	163	662304	50.182 ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	137346	52.356 ng/ul	97
50) Acenaphthylene	14.251	152	758380	45.838 ng/ul	100
51) 3-Nitroaniline	14.492	138	125194	51.431 ng/ul	93
52) Acenaphthene	14.586	153	504663	46.000 ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	78016	54.515 ng/ul	98
55) 4-Nitrophenol	14.816	109	43916m	16.456 ng/ul	
56) Dibenzofuran	14.928	168	714836	47.546 ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	224608	57.307 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	157841	52.172 ng/ul	99
59) Diethylphthalate	15.351	149	751108	54.473 ng/ul	99
61) Fluorene	15.580	166	630541	49.400 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	309616	49.499 ng/ul	100
63) 4-Nitroaniline	15.669	138	144774	63.025 ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	147583	57.995 ng/ul#	98
67) N-Nitrosodiphenylamine	15.804	169	554437	50.963 ng/ul	99
68) 4-Bromophenyl-phenylether	16.480	248	194531	50.879 ng/ul	97
69) Hexachlorobenzene	16.557	284	223977	52.499 ng/ul	99
70) Atrazine	16.769	200	204617	53.917 ng/ul	97
71) Pentachlorophenol	16.933	266	142100	54.870 ng/ul	98
72) Phenanthrene	17.345	178	1115318	53.547 ng/ul	99
74) Anthracene	17.439	178	1116796	52.541 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	222561	42.963 ng/uL	98
76) Pentachlorobenzene	14.822	250	219565	43.295 ng/uL	97
77) Carbazole	17.739	167	1105397	59.886 ng/ul	99
78) Di-n-butylphthalate	18.239	149	1467723	62.669 ng/ul	98
80) Fluoranthene	19.327	202	1466152	56.160 ng/ul	100
82) Pyrene	19.686	202	1534804	56.104 ng/ul	99
83) Butylbenzylphthalate	20.557	149	733002	63.714 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	352974	44.146 ng/ul	96
85) Benzo(a)anthracene	21.415	228	1569472	58.079 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	1070733	67.504 ng/ul	100
87) Chrysene	21.474	228	1454531	57.534 ng/ul	98
89) Di-n-octyl phthalate	22.257	149	1837805	67.560 ng/ul	100
90) Benzo(b)fluoranthene	23.162	252	1538070	59.416 ng/ul	99
91) Benzo(k)fluoranthene	23.215	252	1517776	58.276 ng/ul	99
93) Benzo(a)pyrene	23.827	252	1440278	58.916 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.609	276	1760266	60.036 ng/ul	98
95) Dibenzo(a,h)anthracene	26.627	278	1466551	60.747 ng/ul	100
96) Benzo(g,h,i)perylene	27.433	276	1390758	59.304 ng/ul	97

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

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