Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111516\
Data File : BG024794.D
Acq On : 15 Nov 2016 13:11
Operator : UM/SJ
Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 15 17:43:34 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 15 15:42:09 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02011

Manual Integrations APPROVED
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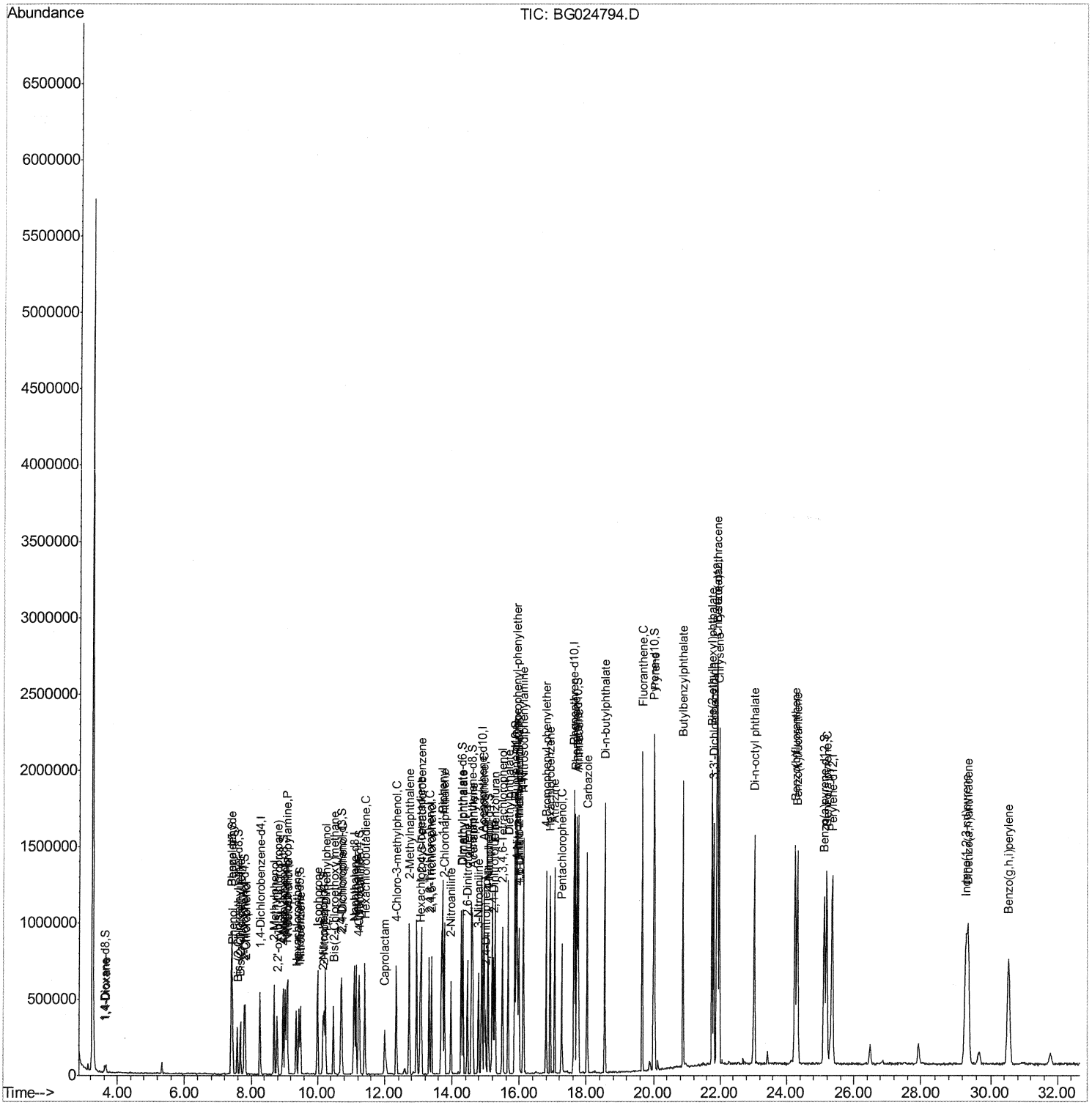

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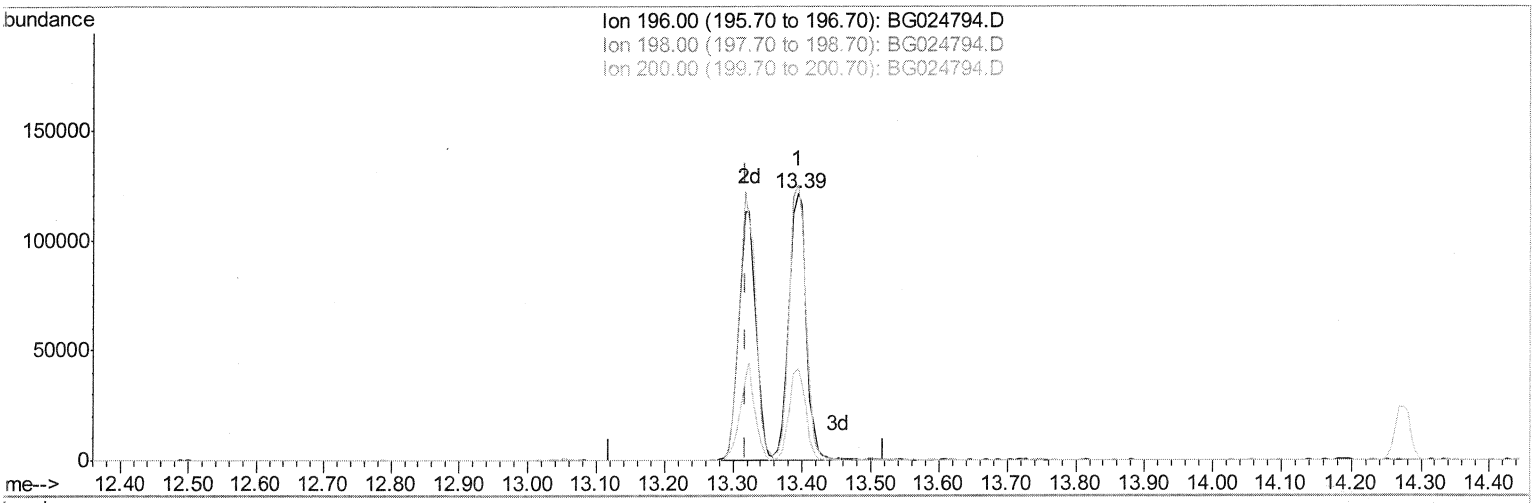

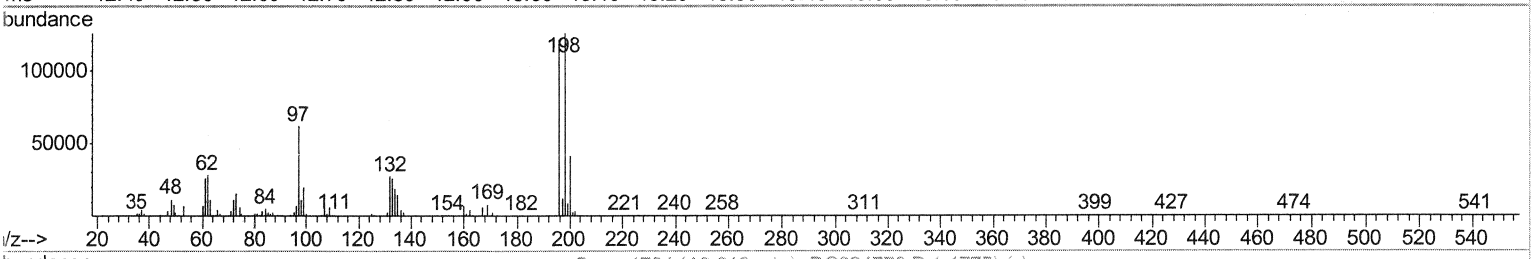

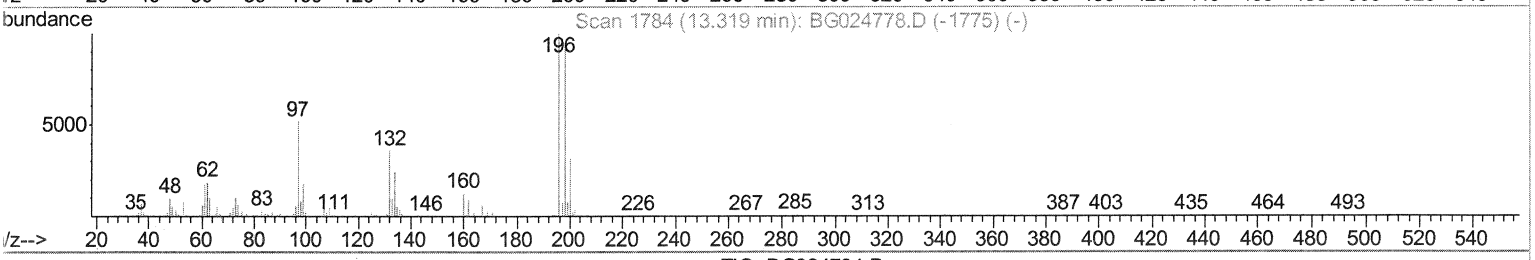

TIC: BG024794.D

(38) 2,4,6-Trichlorophenol (C)

13.393min (+0.075) 21.71ng/ul

response 210735

Ion	Exp%	Act%
196.00	100	100
198.00	89.30	103.47
200.00	30.80	34.45
0.00	0.00	0.00

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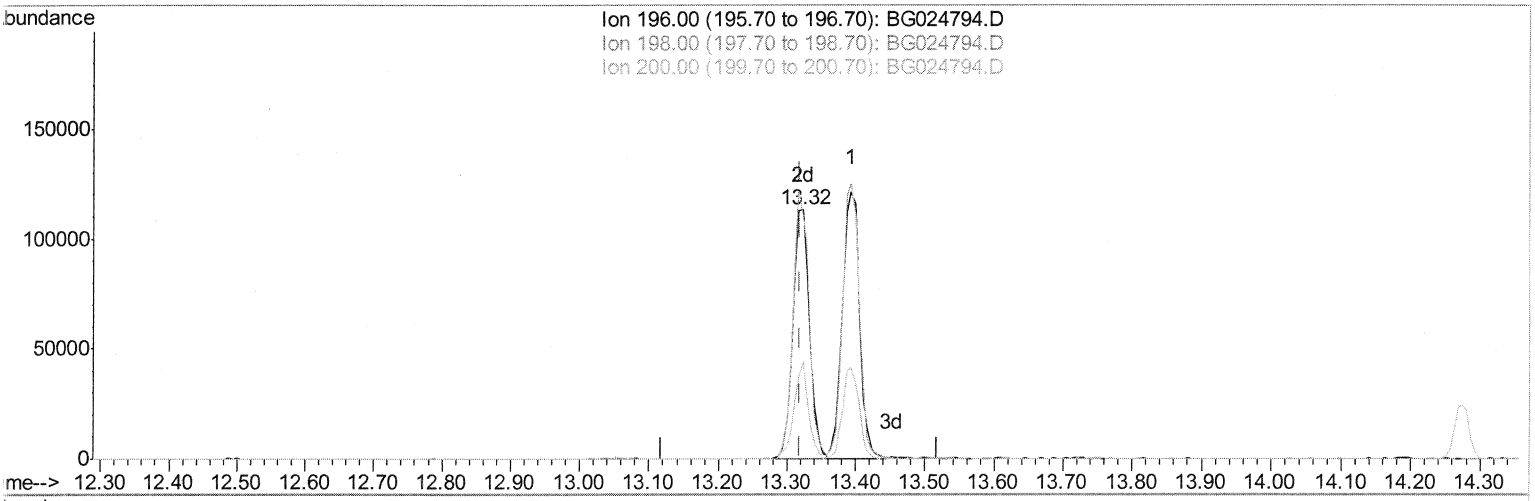

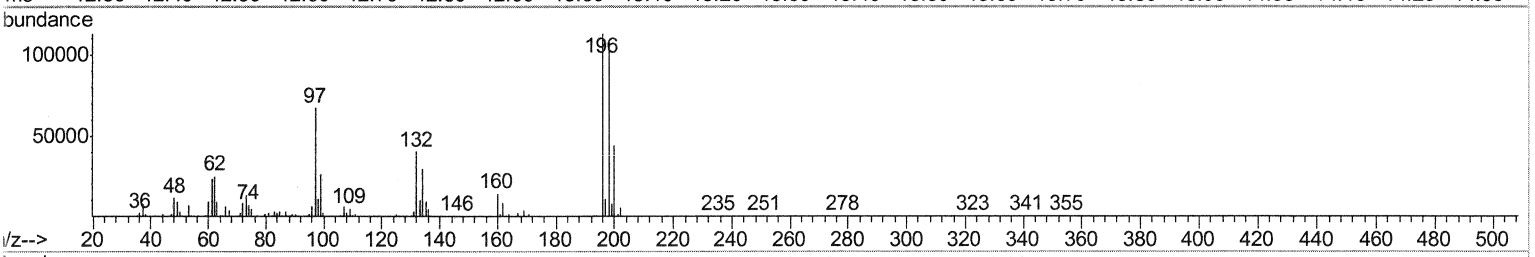

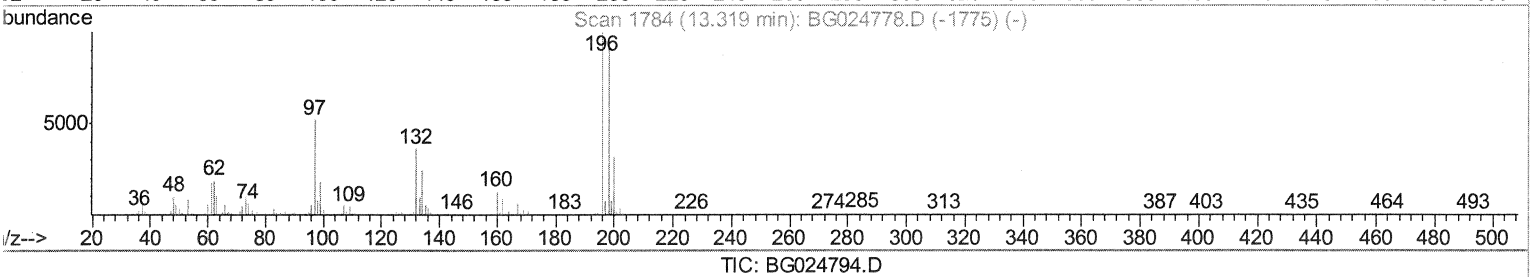

TIC: BG024794.D

(38) 2,4,6-Trichlorophenol (C)

13.323min (+0.004) 19.94ng/ul m

response 193550

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11/16/16

Ion	Exp%	Act%
196.00	100	100
198.00	89.30	96.35
200.00	30.80	39.12#
0.00	0.00	0.00

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Misc :
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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	142727	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	581809	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.88	164	491825	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	1098745	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1389745	20.00	ng/ul	0.00
83) Perylene-d12	25.36	264	1476079	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	24845	9.02	ng/uL	0.00
5) Phenol-d5	7.40	99	247751	20.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	158392	20.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	181719	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	201582	19.63	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	91842	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	108345	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	211539	20.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	254237	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	695652	19.40	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	780250	19.97	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	118749	18.61	ng/ul	0.00
57) Fluorene-d10	15.87	176	649042	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	157035	20.79	ng/ul	0.00
70) Anthracene-d10	17.72	188	980773	20.21	ng/ul	0.00
76) Pyrene-d10	19.99	212	1243283	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1325208	20.51	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.65	88	27090	7.85	ng/uL	91
4) Benzaldehyde	7.39	77	184831	23.47	ng/ul	91
6) Phenol	7.43	94	255848	20.03	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.67	93	182771	20.10	ng/ul	94
10) 2-Chlorophenol	7.82	128	174219	20.54	ng/ul	100
11) 2-Methylphenol	8.69	108	190270	20.33	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.79	45	319500	20.70	ng/ul	98
14) Acetophenone	9.09	105	308478	19.95	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.06	70	175934	20.02	ng/ul	90
16) 4-Methylphenol	9.02	108	203162	20.07	ng/ul	94
17) Hexachloroethane	9.35	117	81147	20.90	ng/ul	93
20) Nitrobenzene	9.49	77	270900	20.71	ng/ul	92
21) Isophorone	10.00	82	494899	20.29	ng/ul	97
23) 2-Nitrophenol	10.20	139	107734	20.28	ng/ul	88
24) 2,4-Dimethylphenol	10.23	107	260493	20.65	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.47	93	259134	20.23	ng/ul	95
27) 2,4-Dichlorophenol	10.73	162	203529	20.29	ng/ul	94
28) Naphthalene	11.14	128	577850	20.71	ng/ul	97
30) 4-Chloroaniline	11.25	127	247553	21.95	ng/ul	91
31) Hexachlorobutadiene	11.41	225	182002	20.67	ng/ul	95
32) Caprolactam	12.01	113	72396	18.31	ng/ul	76
33) 4-Chloro-3-methylphenol	12.34	107	246137	20.26	ng/ul	98
34) 2-Methylnaphthalene	12.72	142	447815	20.39	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	323699	20.28	ng/ul#	93
37) Hexachlorocyclopentadiene	13.06	237	210147	20.43	ng/ul	96
38) 2,4,6-Trichlorophenol	13.32	196	193550m	19.94	ng/ul	
39) 2,4,5-Trichlorophenol	13.39	196	210735	19.98	ng/ul	96
40) 1,1'-Biphenyl	13.72	154	635356	20.07	ng/ul	97
41) 2-Chloronaphthalene	13.77	162	497197	20.22	ng/ul	97
42) 2-Nitroaniline	13.97	65	185358	19.00	ng/ul	96
44) Dimethylphthalate	14.32	163	676524	19.66	ng/ul	97
45) 2,6-Dinitrotoluene	14.45	165	144927	20.04	ng/ul#	93
47) Acenaphthylene	14.61	152	748972	19.80	ng/ul	99
48) 3-Nitroaniline	14.79	138	135178	20.23	ng/ul#	86
49) Acenaphthene	14.94	153	514499	19.21	ng/ul	96
50) 2,4-Dinitrophenol	14.99	184	88589	17.12	ng/ul#	79
52) 4-Nitrophenol	15.07	109	147383	19.29	ng/ul	95
53) Dibenzofuran	15.27	168	790575	19.30	ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	215919	19.74	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.50	232	214340	19.53	ng/ul#	99
56) Diethylphthalate	15.67	149	693948	18.99	ng/ul	95
58) Fluorene	15.93	166	648770	19.51	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.91	204	364468	19.38	ng/ul	91
60) 4-Nitroaniline	15.94	138	145606	19.16	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	16.00	198	150500	19.65	ng/ul#	90
64) N-Nitrosodiphenylamine	16.12	169	585217	19.71	ng/ul	95
65) 4-Bromophenyl-phenylether	16.80	248	272251	20.38	ng/ul	97
66) Hexachlorobenzene	16.92	284	308084	20.84	ng/ul#	89
67) Atrazine	17.06	200	285864	20.54	ng/ul	95
68) Pentachlorophenol	17.27	266	165719	18.98	ng/ul	95
69) Phenanthrene	17.67	178	1114779	20.35	ng/ul	99
71) Anthracene	17.76	178	1124791	19.85	ng/ul	98
72) Carbazole	18.03	167	978913	21.06	ng/ul	98
73) Di-n-butylphthalate	18.55	149	1171204	20.00	ng/ul	99
74) Fluoranthene	19.66	202	1410532	22.17	ng/ul	97
77) Pyrene	20.02	202	1417900	20.76	ng/ul	97
78) Butylbenzylphthalate	20.88	149	570706	20.41	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.81	252	585789	21.92	ng/ul	92
80) Benzo(a)anthracene	21.90	228	1556904	20.59	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.75	149	789937	20.65	ng/ul	98
82) Chrysene	21.97	228	1467778	20.70	ng/ul	95
84) Di-n-octyl phthalate	23.03	149	1367915	21.89	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1585044	20.38	ng/ul	97
86) Benzo(k)fluoranthene	24.33	252	1523965	20.63	ng/ul	99
88) Benzo(a)pyrene	25.19	252	1542160	20.49	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.29	276	1952004	20.74	ng/ul	97
90) Dibenzo(a,h)anthracene	29.36	278	1589184	20.27	ng/ul	99
91) Benzo(g,h,i)perylene	30.53	276	1586307	20.47	ng/ul	100

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