Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024807.D
Acq On : 16 Nov 2016 17:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 02:47:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 01:26:41 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02013

Manual Integrations APPROVED
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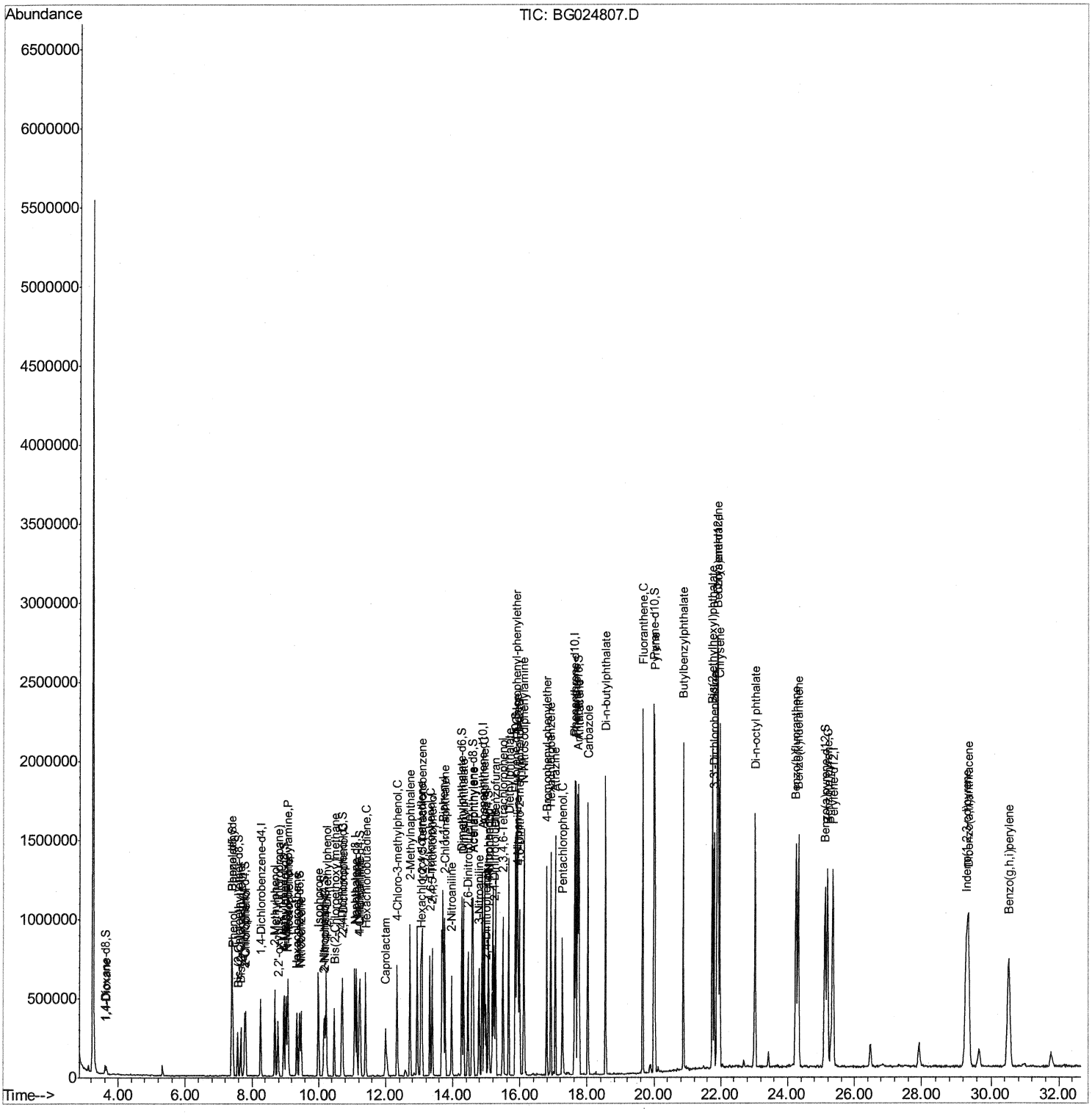

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
Data File : BG024807.D
Acq On : 16 Nov 2016 17:02
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 17 01:30:23 2016
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Quant Title : SVOA CALIBRATION
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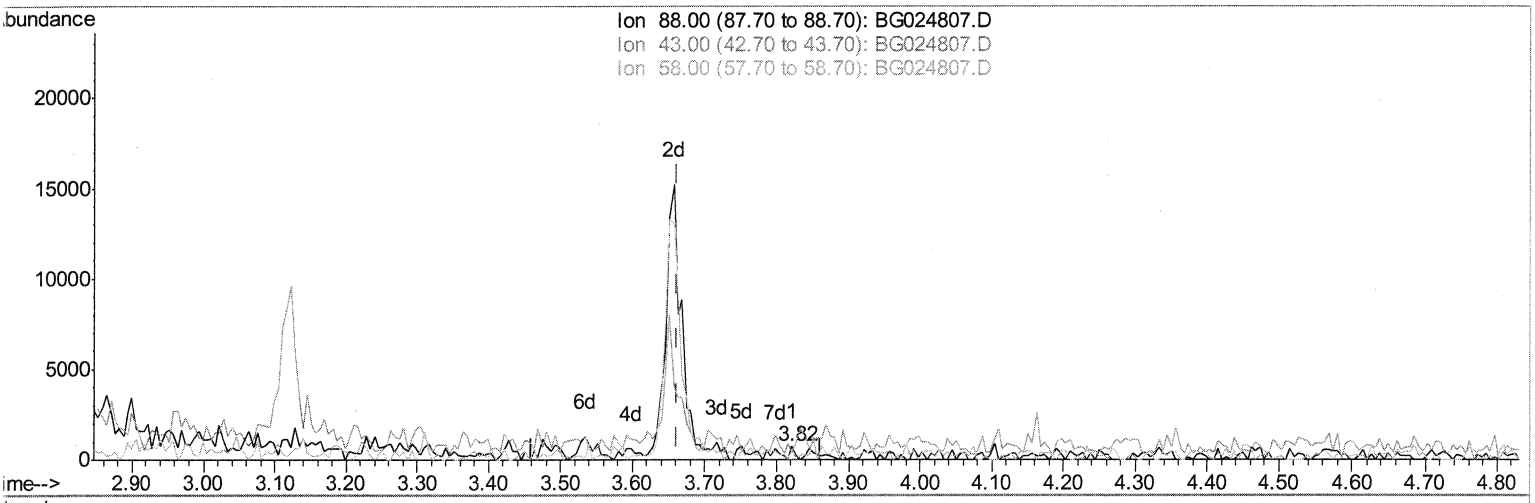

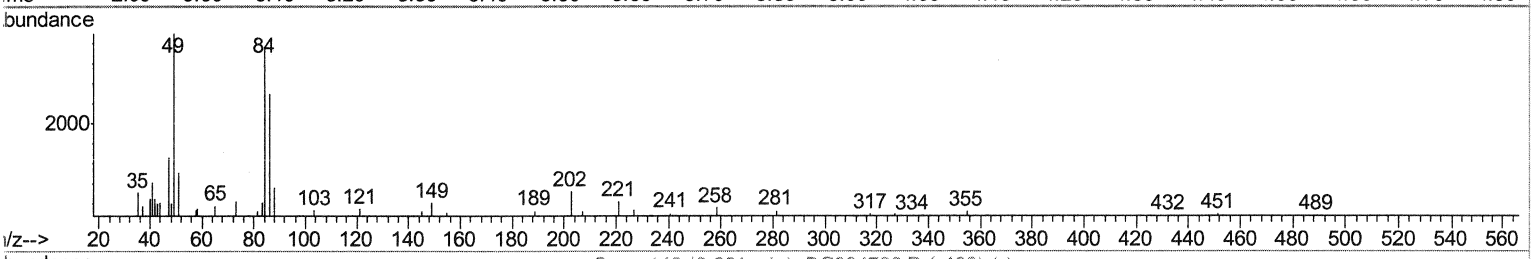

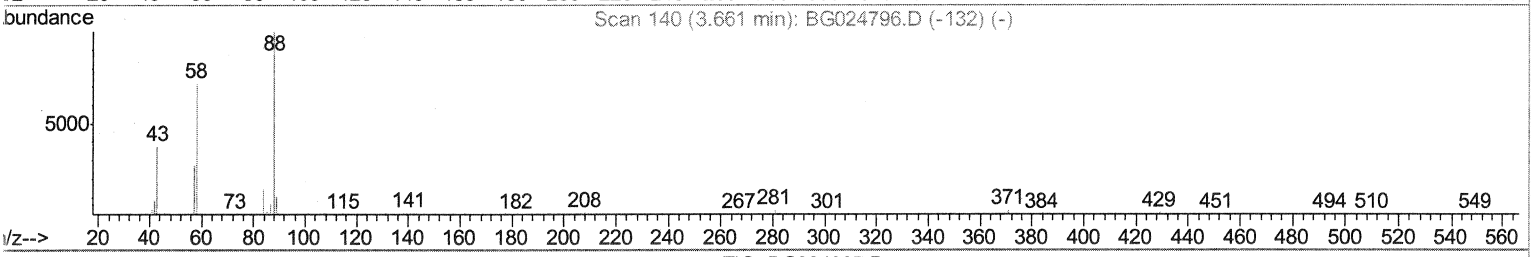

TIC: BG024807.D

(2) 1,4-Dioxane

3.822min (+0.160) 0.10ng/uL

response 334

Ion	Exp%	Act%
88.00	100	100
43.00	49.00	53.89
58.00	86.70	76.81
0.00	0.00	0.00

Quantitation Report (Quan)

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Sample : SSTDCCC020
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Manual Integrations APPROVED
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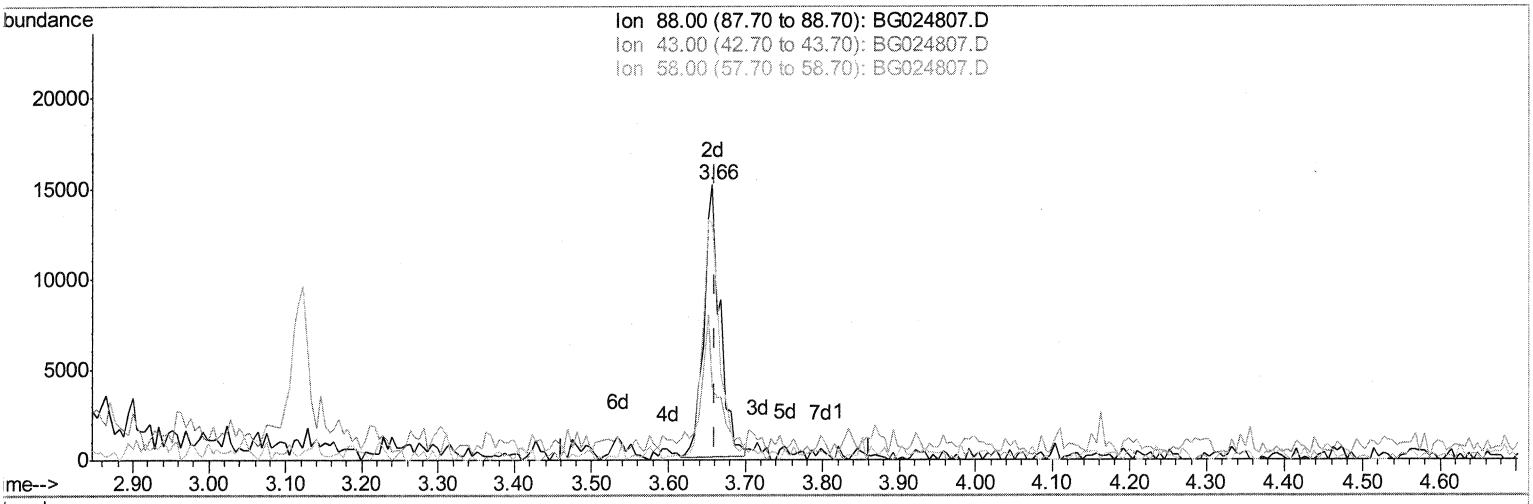

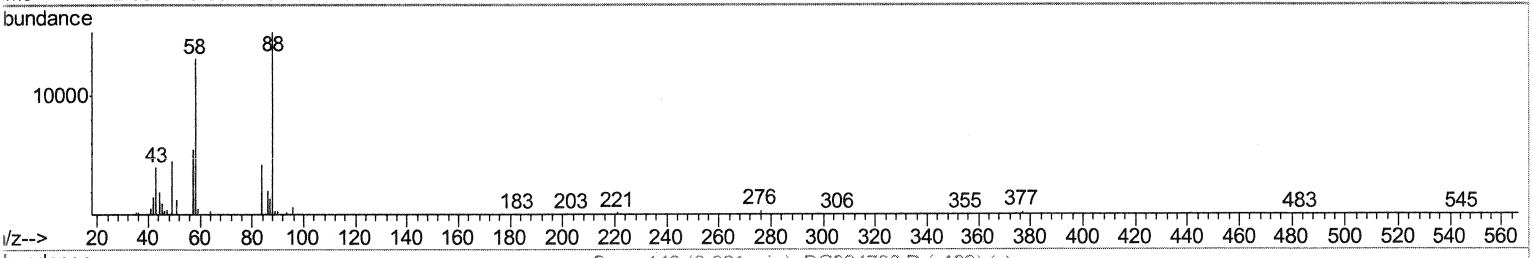

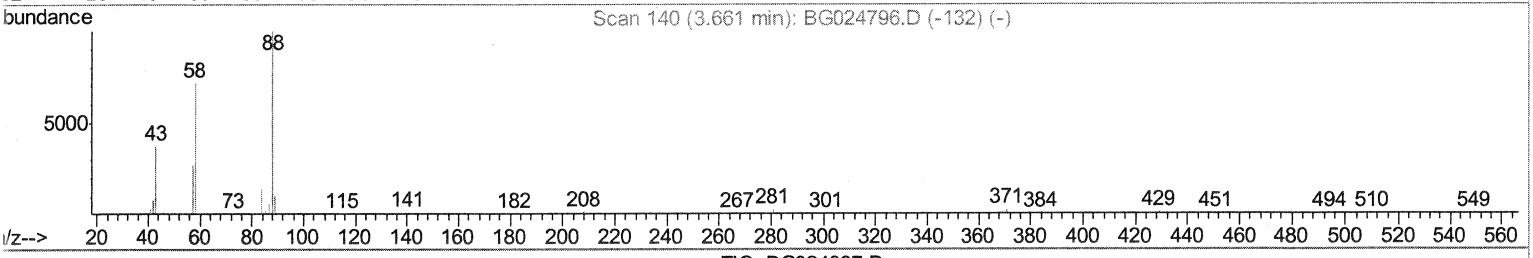

TIC: BG024807.D

(2) 1,4-Dioxane

3.657min (-0.004) 6.89ng/uL m SJ 11/18/16

response 22333

Ion	Exp%	Act%
88.00	100	100
43.00	49.00	26.53#
58.00	86.70	85.62
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	134040	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	558379	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	482338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	1156404	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1446377	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1522561	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.62	96	22382	8.65	ng/uL	0.00
5) Phenol-d5	7.40	99	223847	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	143967	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	160076	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	189701	19.67	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	83141	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	105224	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	200355	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	243284	21.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	731436	20.80	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	789036	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	120913	19.32	ng/ul	0.00
57) Fluorene-d10	15.87	176	689583	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	159933	20.12	ng/ul	0.00
70) Anthracene-d10	17.72	188	1058714	20.73	ng/ul	0.00
76) Pyrene-d10	19.99	212	1286461	20.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1360848	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	22333m	6.89	ng/uL	
4) Benzaldehyde	7.39	77	167647	22.66	ng/ul	96
6) Phenol	7.42	94	233379	19.46	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.67	93	167537	19.62	ng/ul	93
10) 2-Chlorophenol	7.82	128	152783	19.18	ng/ul	93
11) 2-Methylphenol	8.69	108	166481	18.95	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.79	45	288078	19.87	ng/ul	98
14) Acetophenone	9.09	105	290061	19.98	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.06	70	171898	20.83	ng/ul#	85
16) 4-Methylphenol	9.02	108	186282	19.60	ng/ul	95
17) Hexachloroethane	9.35	117	70294	19.28	ng/ul	88
20) Nitrobenzene	9.47	77	252761	20.14	ng/ul	98
21) Isophorone	9.99	82	471844	20.15	ng/ul	96
23) 2-Nitrophenol	10.19	139	102026	20.01	ng/ul	87
24) 2,4-Dimethylphenol	10.23	107	239528	19.78	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.47	93	238247	19.38	ng/ul	95
27) 2,4-Dichlorophenol	10.72	162	194798	20.24	ng/ul	95
28) Naphthalene	11.14	128	527844	19.71	ng/ul	98
30) 4-Chloroaniline	11.24	127	238703	22.05	ng/ul	94
31) Hexachlorobutadiene	11.41	225	164574	19.47	ng/ul	95
32) Caprolactam	12.00	113	79535	20.96	ng/ul#	85
33) 4-Chloro-3-methylphenol	12.34	107	249802	21.43	ng/ul	99
34) 2-Methylnaphthalene	12.72	142	438032	20.78	ng/ul	99

SJ 11/18/16

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	316185	20.20	ng/ul#	90
37) Hexachlorocyclopentadiene	13.05	237	192759	19.11	ng/ul	95
38) 2,4,6-Trichlorophenol	13.32	196	188448	19.80	ng/ul	91
39) 2,4,5-Trichlorophenol	13.39	196	216308	20.91	ng/ul	93
40) 1,1'-Biphenyl	13.71	154	620563	19.99	ng/ul	97
41) 2-Chloronaphthalene	13.76	162	489259	20.29	ng/ul	98
42) 2-Nitroaniline	13.96	65	193155	20.19	ng/ul	96
44) Dimethylphthalate	14.32	163	698112	20.69	ng/ul	99
45) 2,6-Dinitrotoluene	14.45	165	146258	20.62	ng/ul#	84
47) Acenaphthylene	14.60	152	774850	20.89	ng/ul	98
48) 3-Nitroaniline	14.78	138	146642	22.38	ng/ul#	96
49) Acenaphthene	14.94	153	521937	19.88	ng/ul	96
50) 2,4-Dinitrophenol	14.98	184	104361	20.56	ng/ul#	80
52) 4-Nitrophenol	15.07	109	156456	20.88	ng/ul	97
53) Dibenzofuran	15.27	168	822893	20.48	ng/ul	99
54) 2,4-Dinitrotoluene	15.23	165	228980	21.35	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.49	232	225339	20.93	ng/ul	97
56) Diethylphthalate	15.67	149	730139	20.37	ng/ul	96
58) Fluorene	15.92	166	665415	20.40	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	383921	20.82	ng/ul	87
60) 4-Nitroaniline	15.94	138	154287	20.70	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.99	198	155158	19.24	ng/ul#	96
64) N-Nitrosodiphenylamine	16.12	169	632318	20.24	ng/ul	92
65) 4-Bromophenyl-phenylether	16.80	248	284457	20.23	ng/ul	94
66) Hexachlorobenzene	16.92	284	318712	20.48	ng/ul	97
67) Atrazine	17.05	200	284628	19.43	ng/ul	98
68) Pentachlorophenol	17.26	266	184764	20.11	ng/ul	94
69) Phenanthrene	17.66	178	1164152	20.19	ng/ul	96
71) Anthracene	17.75	178	1197808	20.09	ng/ul	98
72) Carbazole	18.02	167	1041784	21.30	ng/ul	96
73) Di-n-butylphthalate	18.55	149	1244364	20.19	ng/ul	100
74) Fluoranthene	19.66	202	1474790	22.02	ng/ul	99
77) Pyrene	20.02	202	1471934	20.71	ng/ul	97
78) Butylbenzylphthalate	20.88	149	584327	20.08	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.80	252	584719	21.02	ng/ul#	98
80) Benzo(a)anthracene	21.89	228	1596049	20.28	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	802913	20.17	ng/ul#	96
82) Chrysene	21.97	228	1503069	20.37	ng/ul	100
84) Di-n-octyl phthalate	23.03	149	1383755	21.47	ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	1639240	20.44	ng/ul	99
86) Benzo(k)fluoranthene	24.32	252	1580484	20.74	ng/ul	99
88) Benzo(a)pyrene	25.18	252	1579144	20.34	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	29.28	276	1992620	20.53	ng/ul	99
90) Dibenzo(a,h)anthracene	29.34	278	1657739	20.50	ng/ul	99
91) Benzo(g,h,i)perylene	30.53	276	1664743	20.83	ng/ul	99

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