Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
Data File : BG025001.D
Acq On : 7 Dec 2016 4:57
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 07 05:55:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 07 03:17:10 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02017

Manual Integrations APPROVED
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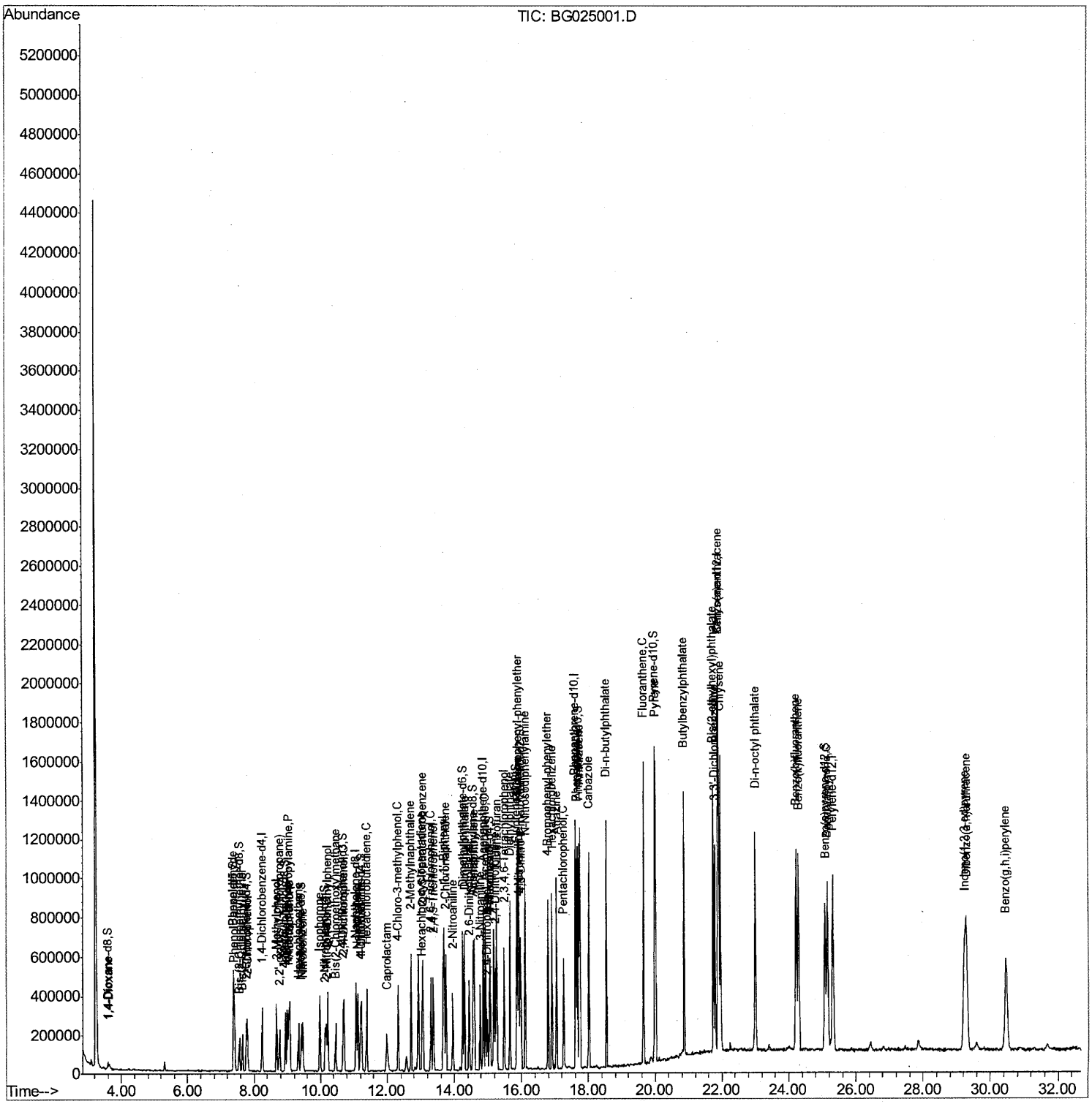

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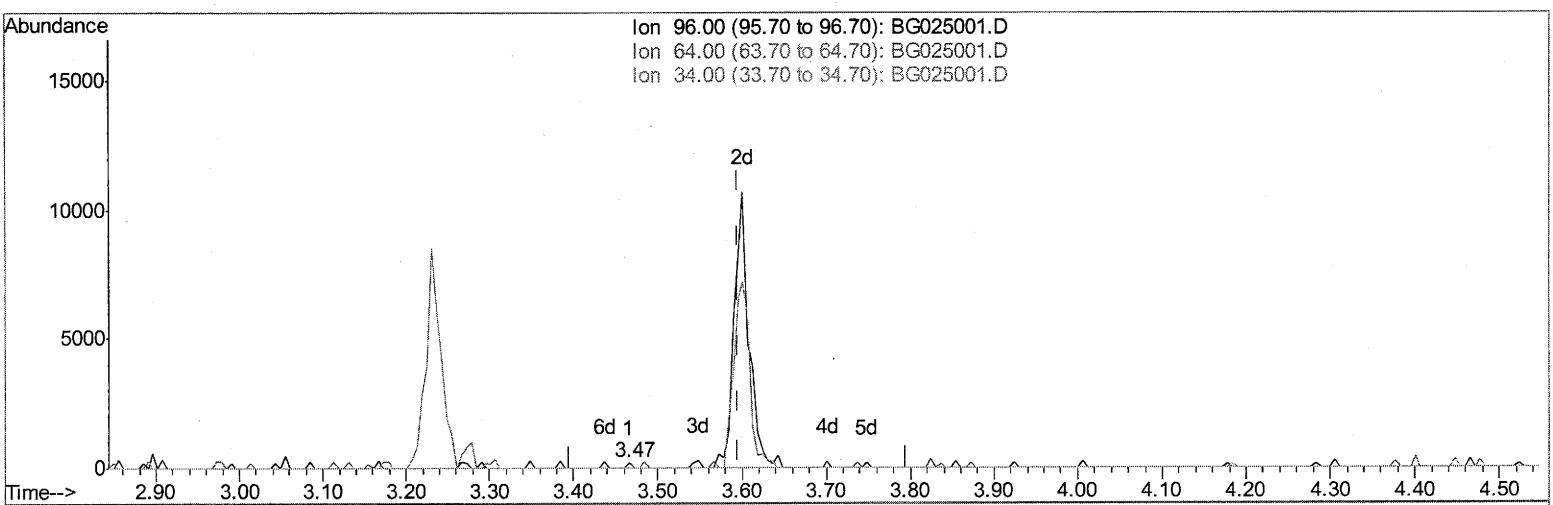

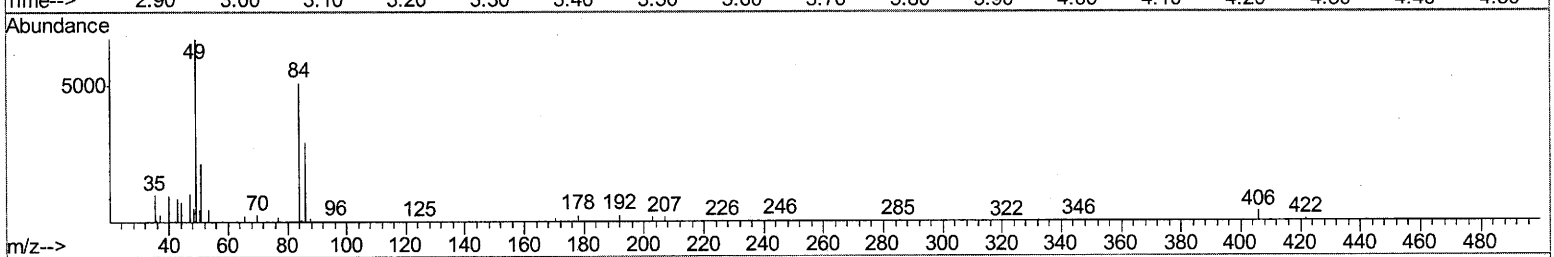

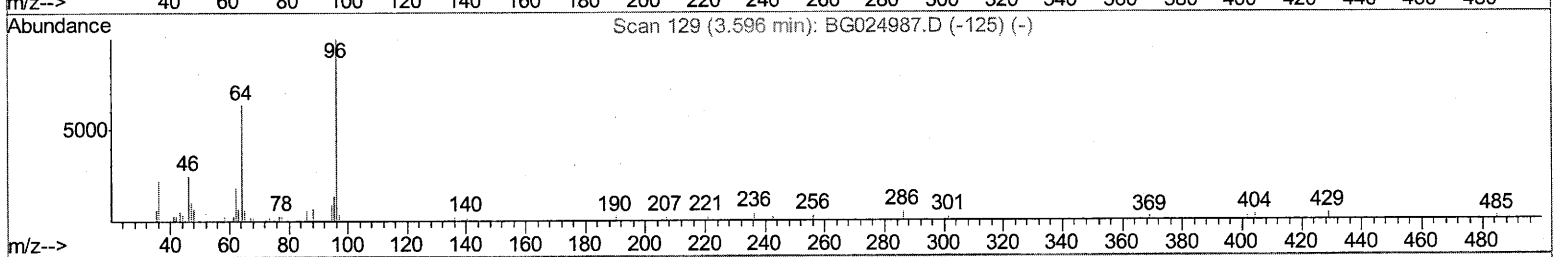

TIC: BG025001.D

(3) 1,4-Dioxane-d8 (S)

3.466min (-0.129) 0.04ng/uL

response 69

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	86.80
34.00	0.00	0.00
0.00	0.00	0.00

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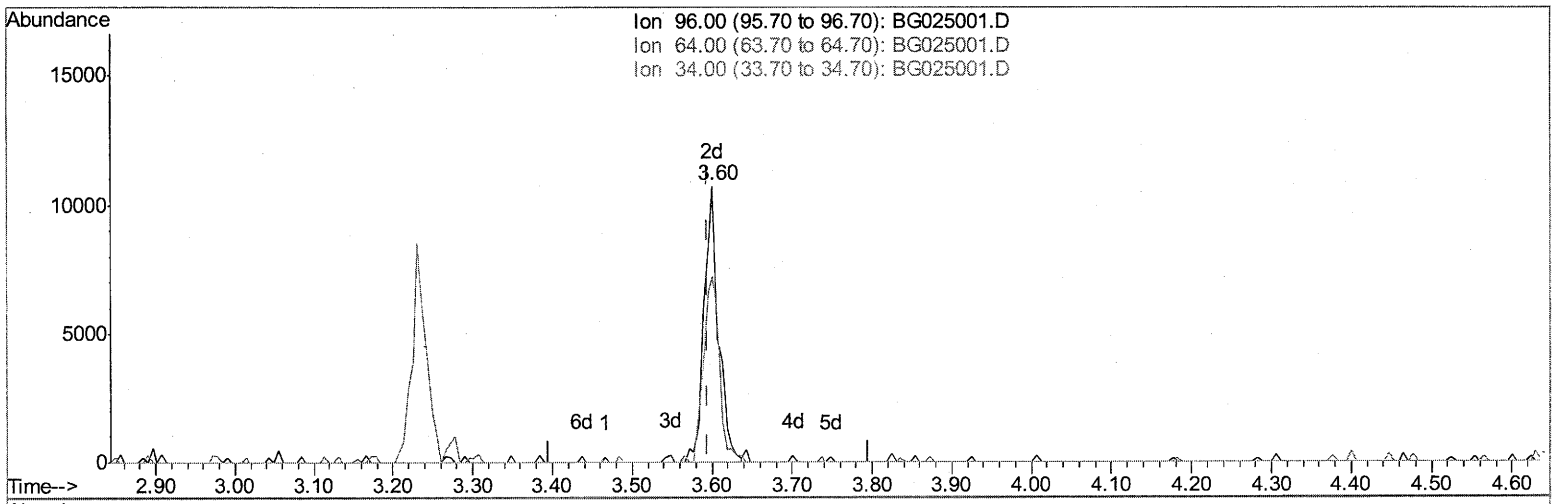

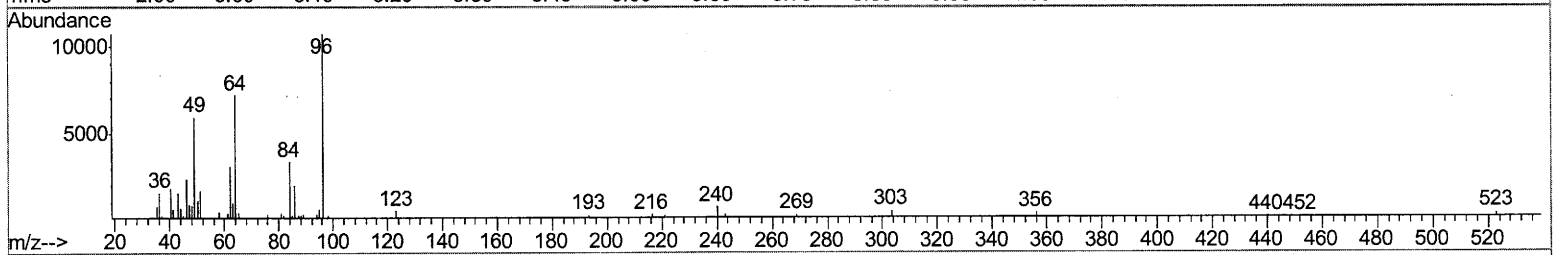

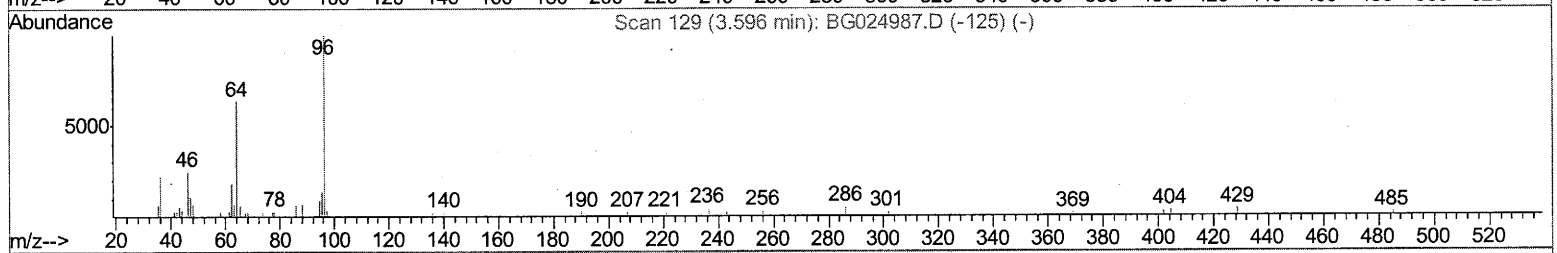

TIC: BG025001.D

(3) 1,4-Dioxane-d8 (S)

3.601min (+0.006) 8.01ng/uL m

UM 12/08/16

response 13648

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	67.51#
34.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	88016	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	356891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	309071	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	788993	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1041746	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1121831	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	13648m	8.01	ng/uL	0.00
5) Phenol-d5	7.39	99	139610	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	88033	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	101978	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	115048	18.13	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	52501	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	62353	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	122276	20.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	137526	23.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	437217	20.57	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	477782	20.52	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	82095	22.47	ng/ul	0.00
57) Fluorene-d10	15.85	176	412482	20.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	100820	20.67	ng/ul	0.00
70) Anthracene-d10	17.70	188	673888	20.24	ng/ul	0.00
76) Pyrene-d10	19.98	212	891752	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	930622	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	15734	7.09	ng/uL	84
4) Benzaldehyde	7.38	77	105528	18.46	ng/ul	93
6) Phenol	7.41	94	146025	18.74	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.65	93	104476	18.32	ng/ul#	88
10) 2-Chlorophenol	7.80	128	104161	19.51	ng/ul	89
11) 2-Methylphenol	8.68	108	104317	18.18	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.77	45	182656	18.83	ng/ul	99
14) Acetophenone	9.07	105	176721	18.30	ng/ul#	90
15) N-Nitroso-di-n-propylamine	9.04	70	105428	18.90	ng/ul#	85
16) 4-Methylphenol	9.01	108	114372	17.92	ng/ul	99
17) Hexachloroethane	9.33	117	47333	20.01	ng/ul	85
20) Nitrobenzene	9.47	77	151812	19.55	ng/ul#	94
21) Isophorone	9.98	82	282609	19.23	ng/ul	97
23) 2-Nitrophenol	10.18	139	64147	20.07	ng/ul	85
24) 2,4-Dimethylphenol	10.22	107	145051	19.85	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.46	93	150863	20.14	ng/ul#	91
27) 2,4-Dichlorophenol	10.71	162	124707	21.20	ng/ul	93
28) Naphthalene	11.12	128	327775	19.76	ng/ul	96
30) 4-Chloroaniline	11.23	127	137566	22.60	ng/ul	91
31) Hexachlorobutadiene	11.39	225	100020	19.78	ng/ul	93
32) Caprolactam	11.98	113	51683	21.15	ng/ul	84
33) 4-Chloro-3-methylphenol	12.33	107	149235	20.58	ng/ul	92
34) 2-Methylnaphthalene	12.71	142	262538	20.05	ng/ul	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	187062	20.08	ng/ul#	91
37) Hexachlorocyclopentadiene	13.04	237	103537	18.93	ng/ul	98
38) 2,4,6-Trichlorophenol	13.30	196	119453	20.41	ng/ul	87
39) 2,4,5-Trichlorophenol	13.37	196	129248	20.15	ng/ul	93
40) 1,1'-Biphenyl	13.70	154	381042	20.34	ng/ul	99
41) 2-Chloronaphthalene	13.75	162	296393	19.87	ng/ul#	95
42) 2-Nitroaniline	13.95	65	123959	21.23	ng/ul	93
44) Dimethylphthalate	14.30	163	432399	20.70	ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	95009	21.16	ng/ul#	90
47) Acenaphthylene	14.59	152	462197	20.42	ng/ul	98
48) 3-Nitroaniline	14.77	138	89167	22.93	ng/ul#	90
49) Acenaphthene	14.93	153	323044	20.83	ng/ul	97
50) 2,4-Dinitrophenol	14.98	184	61188	20.98	ng/ul	88
52) 4-Nitrophenol	15.06	109	99400	22.62	ng/ul	97
53) Dibenzofuran	15.26	168	506241	20.64	ng/ul	96
54) 2,4-Dinitrotoluene	15.22	165	146474	21.65	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.48	232	150059	22.14	ng/ul	96
56) Diethylphthalate	15.65	149	452333	20.45	ng/ul	95
58) Fluorene	15.90	166	420864	21.07	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.89	204	234337	20.84	ng/ul	88
60) 4-Nitroaniline	15.93	138	99711	21.26	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.98	198	101695	20.13	ng/ul#	98
64) N-Nitrosodiphenylamine	16.10	169	398800	19.65	ng/ul	95
65) 4-Bromophenyl-phenylether	16.78	248	181704	20.39	ng/ul	94
66) Hexachlorobenzene	16.90	284	207138	20.64	ng/ul	96
67) Atrazine	17.04	200	196843	20.40	ng/ul	93
68) Pentachlorophenol	17.25	266	115933	19.24	ng/ul	94
69) Phenanthrene	17.65	178	768764	20.41	ng/ul	98
71) Anthracene	17.74	178	790546	20.42	ng/ul	98
72) Carbazole	18.01	167	704455	21.81	ng/ul	97
73) Di-n-butylphthalate	18.53	149	860936	21.11	ng/ul	97
74) Fluoranthene	19.64	202	1016744	22.72	ng/ul#	98
77) Pyrene	20.01	202	1027495	20.52	ng/ul	96
78) Butylbenzylphthalate	20.86	149	404861	20.65	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.78	252	413326	22.76	ng/ul#	98
80) Benzo(a)anthracene	21.87	228	1130141	20.88	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	559886	20.75	ng/ul	97
82) Chrysene	21.94	228	1046167	20.66	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	985273	21.63	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1133975	20.39	ng/ul	97
86) Benzo(k)fluoranthene	24.28	252	1084669	20.51	ng/ul	95
88) Benzo(a)pyrene	25.15	252	1091098	20.40	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	29.22	276	1347871	20.28	ng/ul	99
90) Dibenzo(a,h)anthracene	29.29	278	1124183	20.07	ng/ul	94
91) Benzo(g,h,i)perylene	30.45	276	1098577	19.80	ng/ul	98

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