Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025688.D
Acq On : 27 Jan 2017 5:03
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 05:45:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 04:44:43 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations APPROVED
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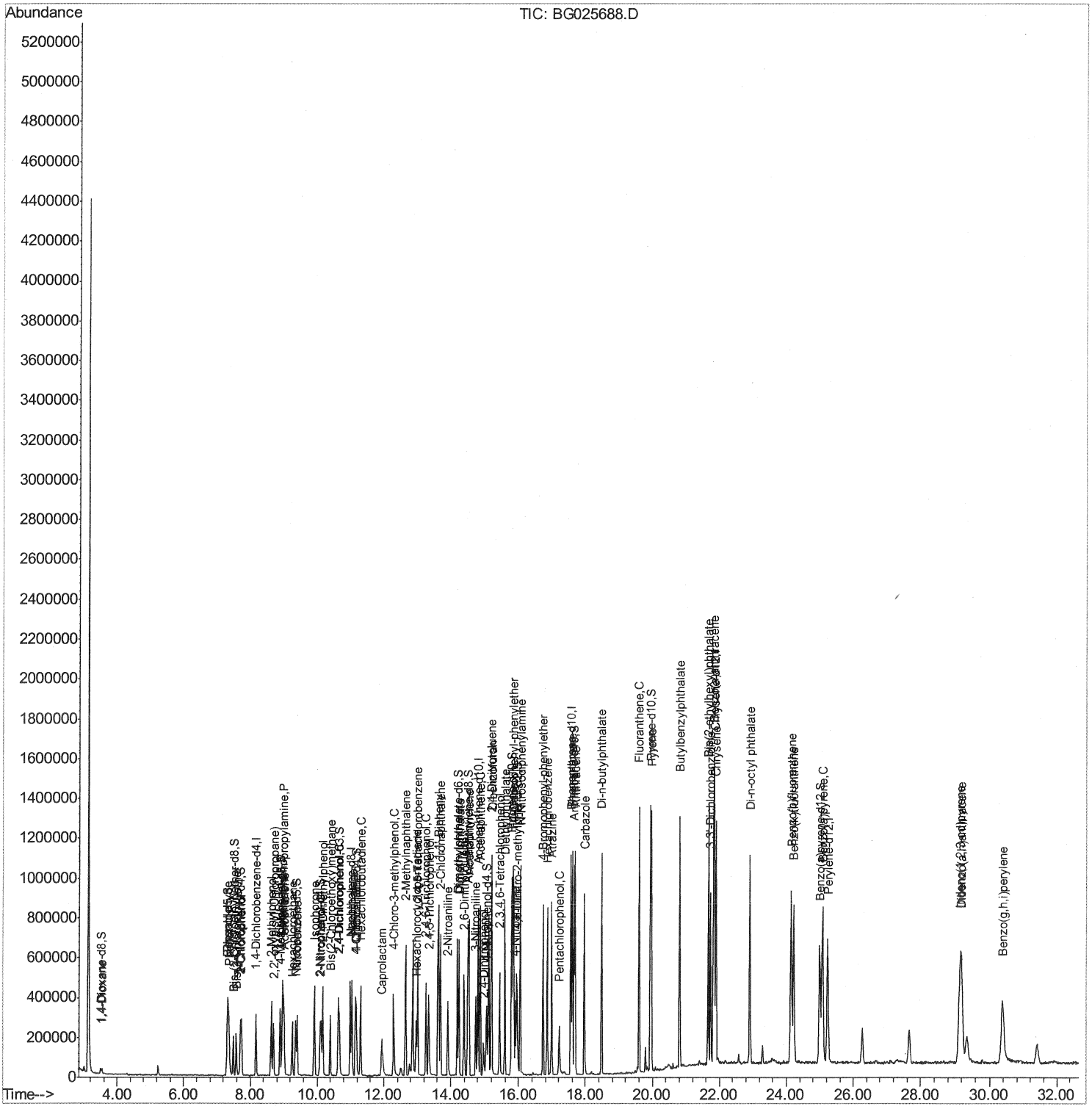

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012617\
Data File : BG025688.D
Acq On : 27 Jan 2017 5:03
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 27 05:42:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 27 04:44:43 2017
Response via : Initial Calibration

Instrument :
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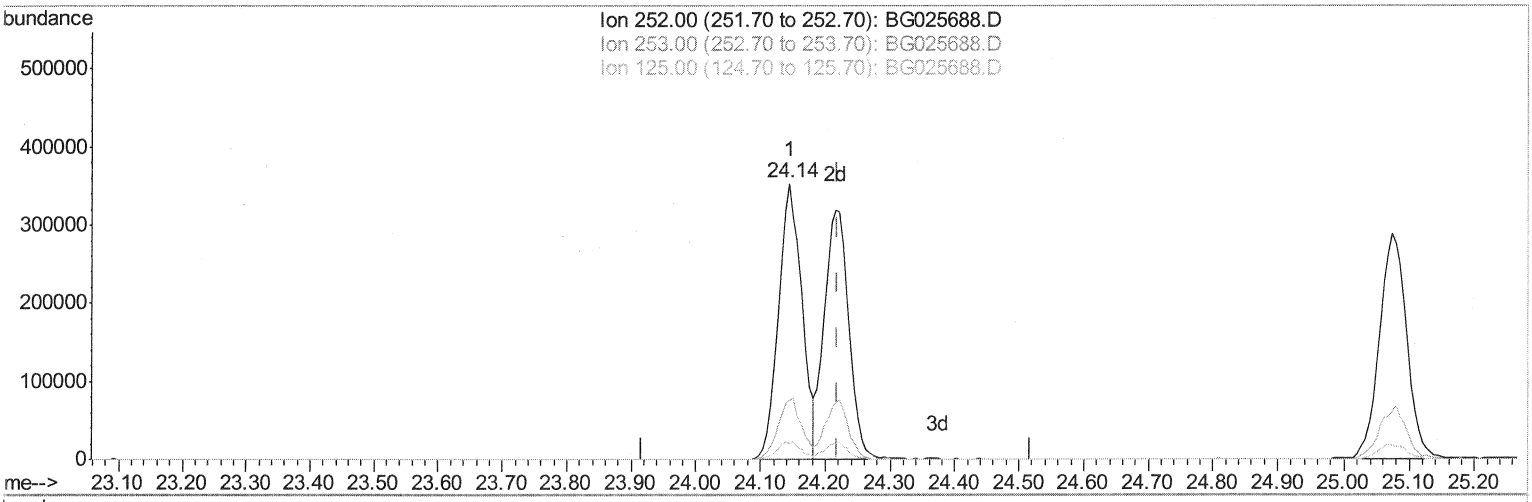

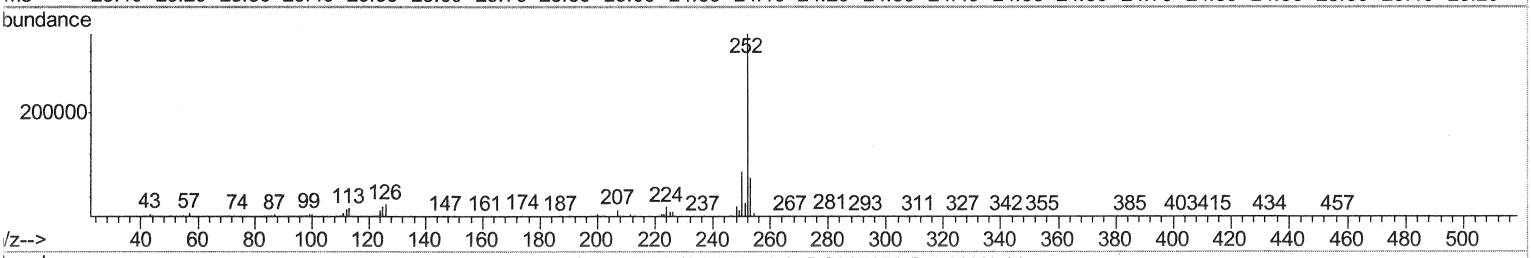

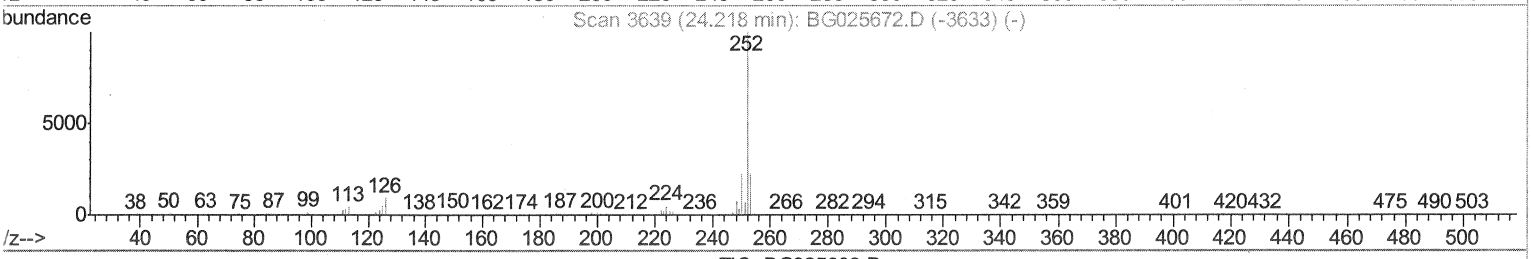

TIC: BG025688.D

(86) Benzo(k)fluoranthene

24.145min (-0.073) 23.29ng/ul

response 868302

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	21.55
125.00	5.10	5.35
0.00	0.00	0.00

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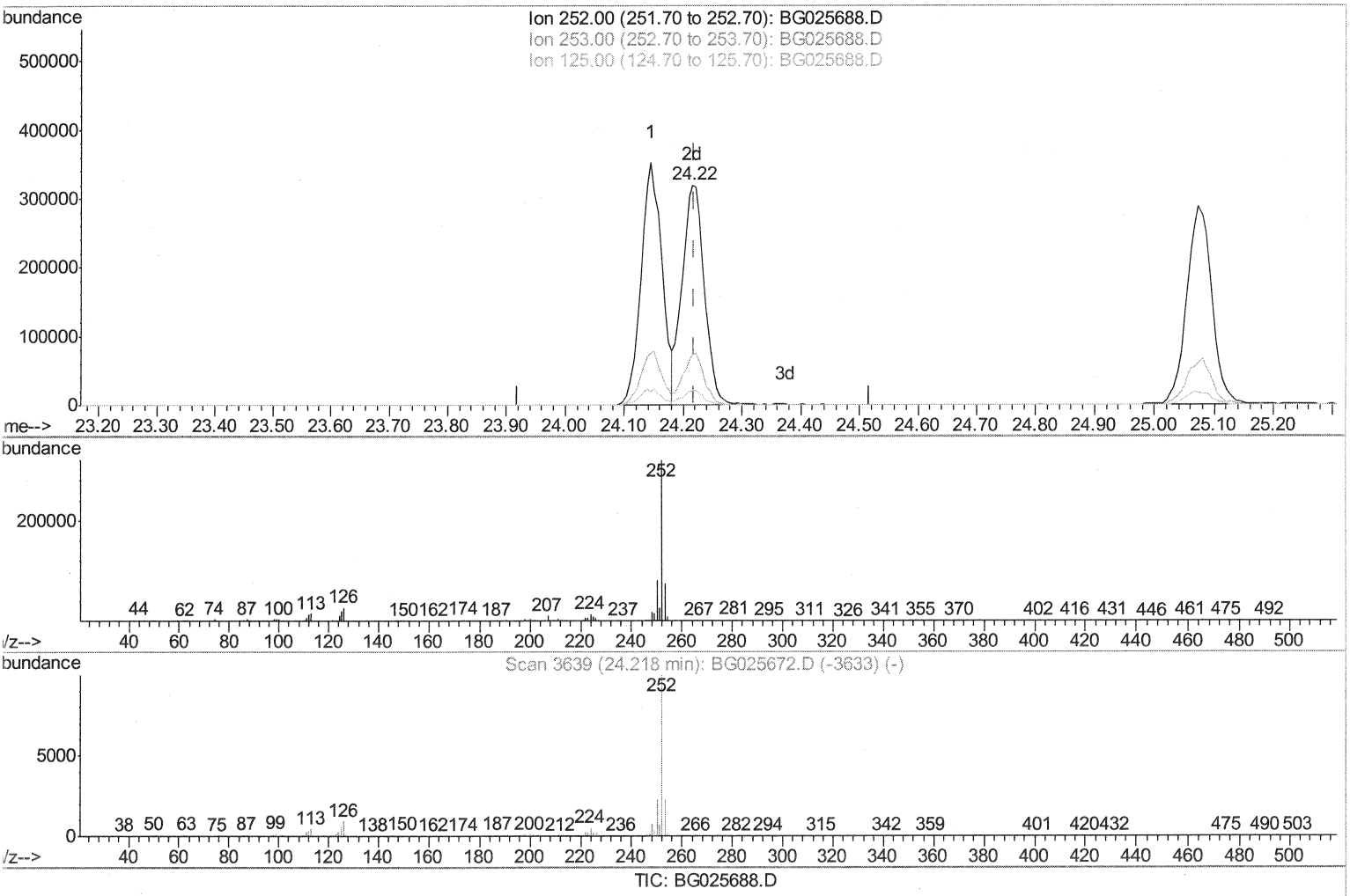

TIC: BG025688.D

(86) Benzo(k)fluoranthene

24.215min (-0.003) 22.72ng/ul m SJ 1/27/17

response 847101

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.30
125.00	5.10	6.44#
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	8.18	152	82844	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	356686	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	292868	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	639175	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	765234	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	767836	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	11529	6.96	ng/uL	0.00
5) Phenol-d5	7.34	99	152641	21.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	99785	21.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	110259	22.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	127782	21.17	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	54605	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	66712	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	132875	22.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	153539	23.08	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	428460	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	500162	22.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	48194	17.01	ng/ul	0.00
57) Fluorene-d10	15.80	176	407235	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	75288	19.10	ng/ul	0.00
70) Anthracene-d10	17.65	188	607801	22.33	ng/ul	0.00
76) Pyrene-d10	19.93	212	707578	22.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	723292	22.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	15465	7.91	ng/uL#	87
4) Benzaldehyde	7.32	77	120019	24.55	ng/ul	98
6) Phenol	7.36	94	157649	21.13	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.58	93	118332	22.21	ng/ul	98
10) 2-Chlorophenol	7.74	128	109194	22.01	ng/ul	88
11) 2-Methylphenol	8.63	108	117923	21.22	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.70	45	231845	22.91	ng/ul	96
14) Acetophenone	9.01	105	196308	20.82	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.97	70	118617	21.03	ng/ul#	97
16) 4-Methylphenol	8.96	108	126835	20.82	ng/ul	91
17) Hexachloroethane	9.26	117	51035	22.10	ng/ul	93
20) Nitrobenzene	9.40	77	183402	22.66	ng/ul	100
21) Isophorone	9.91	82	323698	21.29	ng/ul#	96
23) 2-Nitrophenol	10.11	139	66601	21.61	ng/ul	95
24) 2,4-Dimethylphenol	10.16	107	158795	21.38	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.39	93	174445	22.74	ng/ul	96
27) 2,4-Dichlorophenol	10.66	162	129739	22.45	ng/ul	95
28) Naphthalene	11.05	128	375693	22.81	ng/ul	98
30) 4-Chloroaniline	11.17	127	152494	22.75	ng/ul	95
31) Hexachlorobutadiene	11.31	225	105314	20.86	ng/ul#	82
32) Caprolactam	11.94	113	46871	19.29	ng/ul	98
33) 4-Chloro-3-methylphenol	12.29	107	157856	22.49	ng/ul	93
34) 2-Methylnaphthalene	12.64	142	290154	21.58	ng/ul	94

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	198215	22.47 ng/ul	99
37) Hexachlorocyclopentadiene	12.97	237	78303	22.50 ng/ul#	94
38) 2,4,6-Trichlorophenol	13.25	196	116170	21.76 ng/ul	94
39) 2,4,5-Trichlorophenol	13.35	196	126337	22.56 ng/ul	95
40) 1,1'-Biphenyl	13.64	154	410573	22.62 ng/ul	99
41) 2-Chloronaphthalene	13.69	162	322164	22.87 ng/ul	97
42) 2-Nitroaniline	13.92	65	133922	21.93 ng/ul	92
44) Dimethylphthalate	14.25	163	423677	20.83 ng/ul	100
45) 2,6-Dinitrotoluene	14.39	165	87957	21.01 ng/ul#	83
47) Acenaphthylene	14.53	152	491782	22.61 ng/ul	99
48) 3-Nitroaniline	14.73	138	85408	22.55 ng/ul#	84
49) Acenaphthene	14.87	153	348115	22.47 ng/ul	98
50) 2,4-Dinitrophenol	14.96	184	43855	17.82 ng/ul	97
52) 4-Nitrophenol	15.06	109	65737	16.74 ng/ul	94
53) Dibenzofuran	15.20	168	522980	21.96 ng/ul	99
54) 2,4-Dinitrotoluene	15.19	165	134848	21.12 ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.43	232	117157	19.78 ng/ul	97
56) Diethylphthalate	15.60	149	445596	20.27 ng/ul	99
58) Fluorene	15.85	166	416585	21.42 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.83	204	232916	21.23 ng/ul	87
60) 4-Nitroaniline	15.90	138	75581	20.62 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.95	198	75287	18.52 ng/ul#	89
64) N-Nitrosodiphenylamine	16.05	169	379234	23.02 ng/ul	95
65) 4-Bromophenyl-phenylether	16.72	248	163902	22.10 ng/ul	92
66) Hexachlorobenzene	16.85	284	179140	21.25 ng/ul	98
67) Atrazine	16.99	200	162331	20.97 ng/ul	96
68) Pentachlorophenol	17.21	266	54077	15.42 ng/ul	91
69) Phenanthrene	17.59	178	689445	22.19 ng/ul	98
71) Anthracene	17.69	178	703292	22.52 ng/ul	99
72) Carbazole	17.96	167	609969	23.55 ng/ul	97
73) Di-n-butylphthalate	18.48	149	744792	22.24 ng/ul	99
74) Fluoranthene	19.60	202	844140	23.02 ng/ul	99
77) Pyrene	19.96	202	845802	22.48 ng/ul	97
78) Butylbenzylphthalate	20.81	149	346033	23.65 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.73	252	327569	23.33 ng/ul	95
80) Benzo(a)anthracene	21.82	228	889500	22.00 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	493236	24.15 ng/ul	98
82) Chrysene	21.89	228	850251	22.36 ng/ul	99
84) Di-n-octyl phthalate	22.92	149	826644	25.08 ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	868302	21.85 ng/ul	99
86) Benzo(k)fluoranthene	24.22	252	847101m	22.72 ng/ul	
88) Benzo(a)pyrene	25.07	252	843621	22.44 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.16	276	997837	20.96 ng/ul	97
90) Dibenzo(a,h)anthracene	29.19	278	827192	20.86 ng/ul	100
91) Benzo(g,h,i)perylene	30.37	276	806684	20.63 ng/ul	96

SJ 1/27/17

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