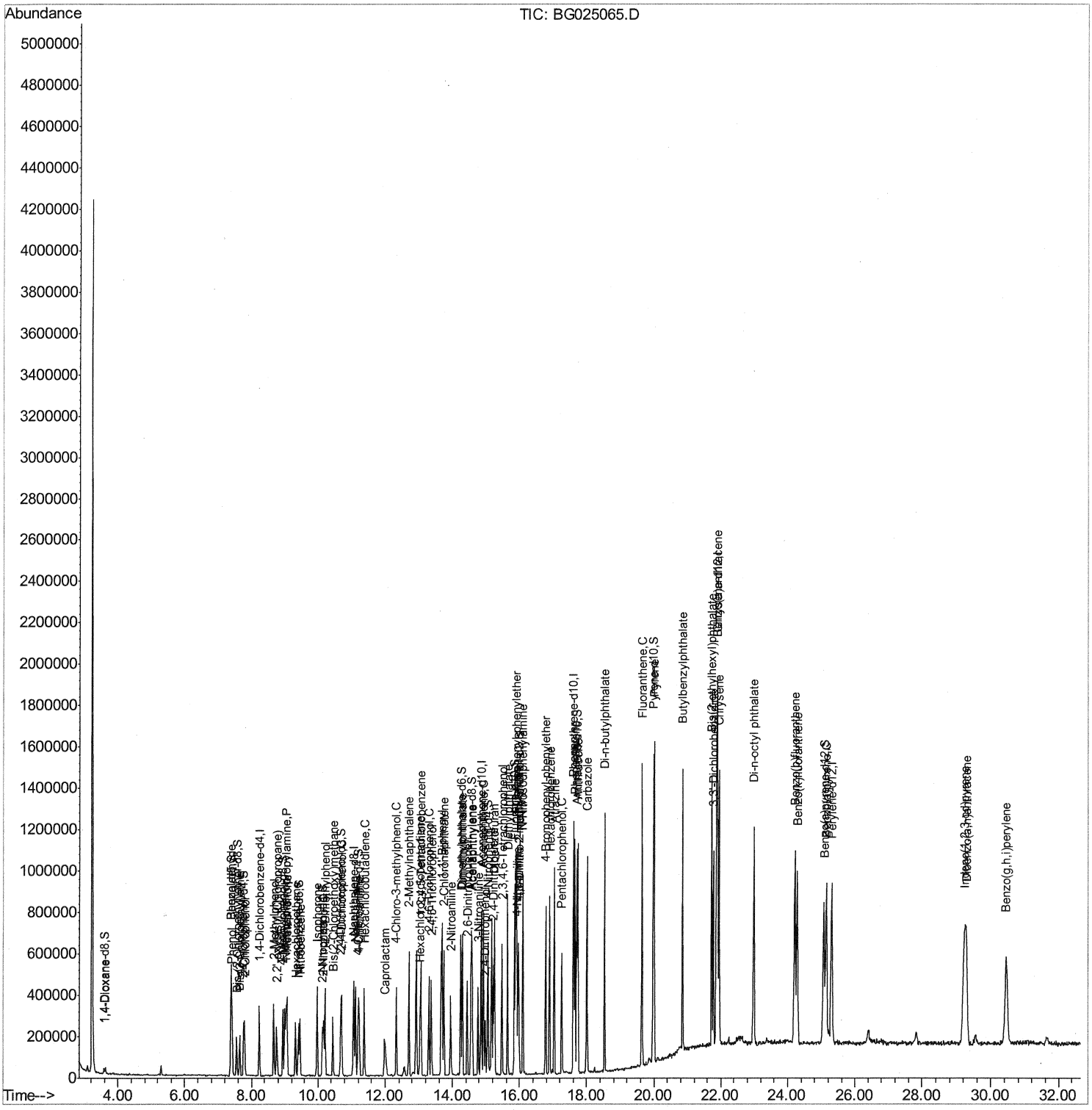
Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
Data File : BG025065.D
Acq On : 10 Dec 2016 11:52
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 02:45:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02026

Manual Integrations APPROVED
Sohil
12/12/2016 4:29:44 PM



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Data File : BG025065.D
Acq On : 10 Dec 2016 11:52
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
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Quant Time: Dec 10 12:28:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
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LabSampleId :
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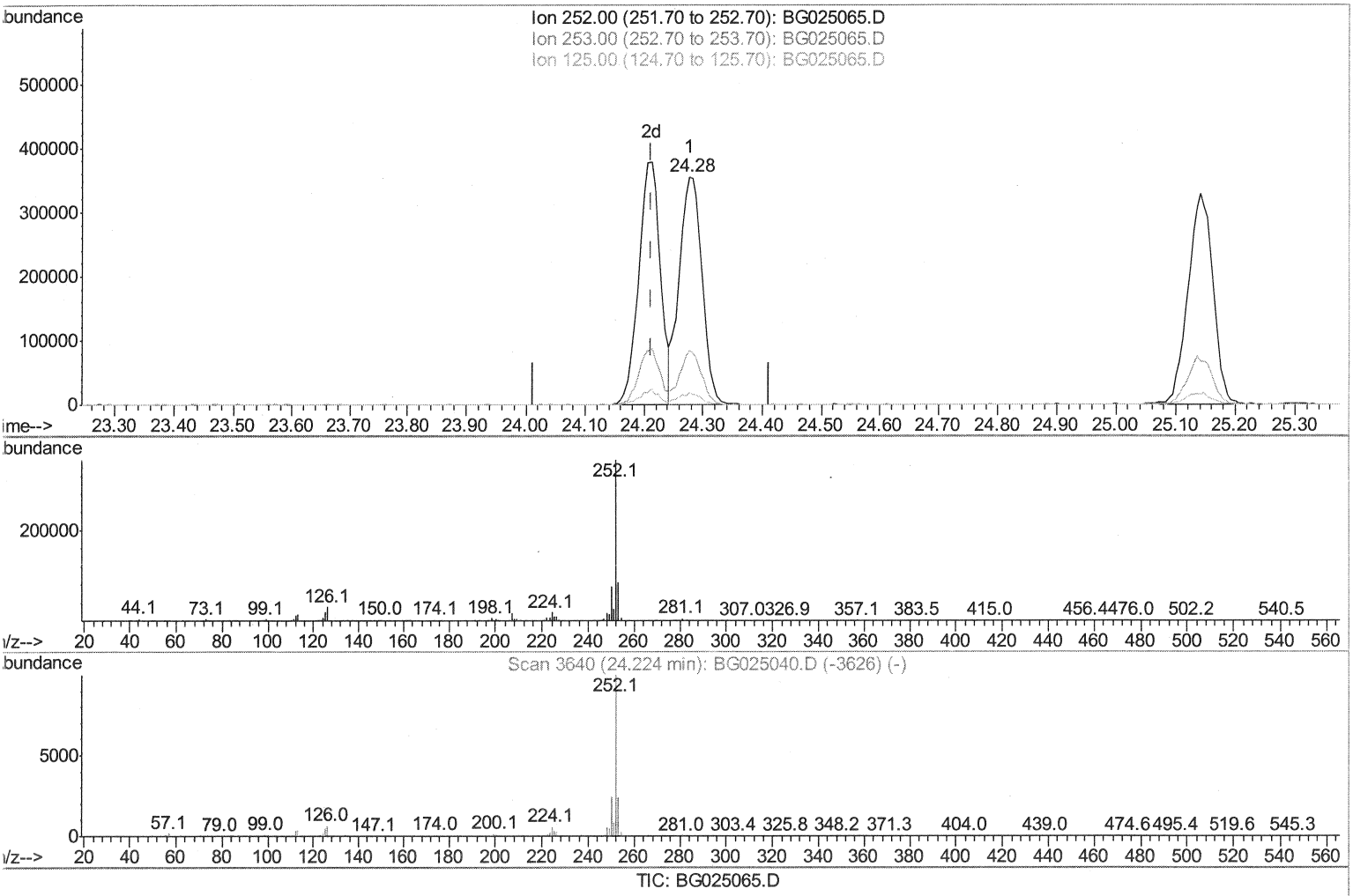

TIC: BG025065.D

(85) Benzo(b)fluoranthene

24.277min (+0.064) 19.77ng/ul

response 950753

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.71
125.00	5.00	5.56
0.00	0.00	0.00

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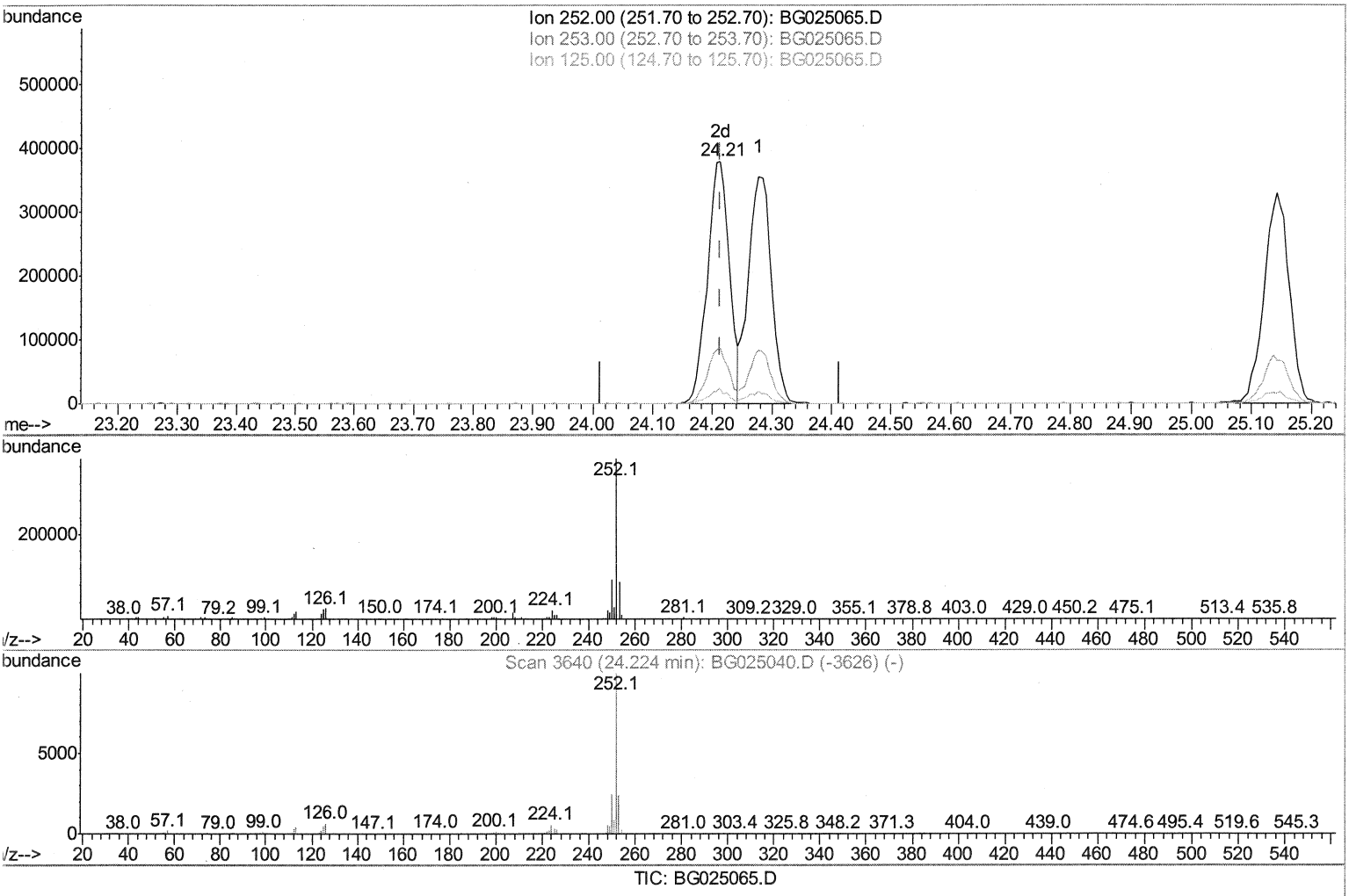

TIC: BG025065.D

(85) Benzo(b)fluoranthene

24.213min (-0.000) 20.32ng/ul m SJ 12/13/16

response 977234

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.07
125.00	5.00	6.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	85498	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	361397	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	299892	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	726993	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	966494	20.00	ng/ul	0.00
83) Perylene-d12	25.30	264	969808	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	12079	7.30	ng/uL	-0.01
5) Phenol-d5	7.39	99	147102	19.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	93029	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	101474	19.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	118224	19.18	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	50401	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	59423	18.63	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.68	165	119979	19.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	137567	22.81	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	439293	21.30	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	466202	20.63	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	77748	21.93	ng/ul	0.00
57) Fluorene-d10	15.85	176	392149	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	90953	20.23	ng/ul	0.00
70) Anthracene-d10	17.70	188	630389	20.54	ng/ul	0.00
76) Pyrene-d10	19.97	212	828977	20.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	800825	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	16818	7.80	ng/uL#	81
4) Benzaldehyde	7.37	77	111359	20.06	ng/ul	94
6) Phenol	7.41	94	147223	19.45	ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.65	93	106650	19.25	ng/ul#	87
10) 2-Chlorophenol	7.80	128	97359	18.77	ng/ul	93
11) 2-Methylphenol	8.67	108	107490	19.28	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.76	45	201460	21.38	ng/ul#	95
14) Acetophenone	9.07	105	179536	19.14	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.04	70	113660	20.98	ng/ul	95
16) 4-Methylphenol	9.00	108	116270	18.75	ng/ul	100
17) Hexachloroethane	9.32	117	46416	20.21	ng/ul	96
20) Nitrobenzene	9.46	77	161968	20.60	ng/ul	98
21) Isophorone	9.97	82	311228	20.91	ng/ul	98
23) 2-Nitrophenol	10.17	139	63521	19.63	ng/ul	93
24) 2,4-Dimethylphenol	10.21	107	155942	21.07	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.45	93	156362	20.62	ng/ul#	94
27) 2,4-Dichlorophenol	10.70	162	120795	20.28	ng/ul	98
28) Naphthalene	11.12	128	327516	19.50	ng/ul	95
30) 4-Chloroaniline	11.23	127	141389	22.94	ng/ul	92
31) Hexachlorobutadiene	11.38	225	105847	20.67	ng/ul	97
32) Caprolactam	11.99	113	52161	21.08	ng/ul	89
33) 4-Chloro-3-methylphenol	12.33	107	149911	20.42	ng/ul	93
34) 2-Methylnaphthalene	12.70	142	259239	19.55	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	180899	20.01 ng/ul	98
37) Hexachlorocyclopentadiene	13.03	237	98081	18.49 ng/ul	93
38) 2,4,6-Trichlorophenol	13.30	196	121597	21.42 ng/ul	99
39) 2,4,5-Trichlorophenol	13.37	196	128542	20.66 ng/ul	100
40) 1,1'-Biphenyl	13.70	154	374948	20.62 ng/ul	96
41) 2-Chloronaphthalene	13.75	162	290047	20.04 ng/ul	96
42) 2-Nitroaniline	13.95	65	123006	21.71 ng/ul	93
44) Dimethylphthalate	14.30	163	415837	20.51 ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	85648	19.66 ng/ul	94
47) Acenaphthylene	14.58	152	447755	20.38 ng/ul	98
48) 3-Nitroaniline	14.77	138	86566	22.95 ng/ul#	89
49) Acenaphthene	14.92	153	310878	20.66 ng/ul	95
50) 2,4-Dinitrophenol	14.98	184	55869	19.74 ng/ul	85
52) 4-Nitrophenol	15.06	109	103784	24.34 ng/ul	96
53) Dibenzofuran	15.25	168	483302	20.31 ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	137177	20.90 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.48	232	139563	21.22 ng/ul#	95
56) Diethylphthalate	15.65	149	449509	20.94 ng/ul	98
58) Fluorene	15.90	166	399482	20.62 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.88	204	219441	20.11 ng/ul	92
60) 4-Nitroaniline	15.93	138	98484	21.65 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.98	198	92242	19.81 ng/ul#	98
64) N-Nitrosodiphenylamine	16.10	169	377559	20.19 ng/ul	95
65) 4-Bromophenyl-phenylether	16.78	248	159842	19.47 ng/ul	94
66) Hexachlorobenzene	16.90	284	190428	20.60 ng/ul	98
67) Atrazine	17.03	200	194562	21.88 ng/ul	96
68) Pentachlorophenol	17.24	266	119446	21.51 ng/ul#	88
69) Phenanthrene	17.64	178	735507	21.20 ng/ul	99
71) Anthracene	17.74	178	742027	20.80 ng/ul	99
72) Carbazole	18.00	167	683055	22.95 ng/ul	98
73) Di-n-butylphthalate	18.53	149	820898	21.85 ng/ul	98
74) Fluoranthene	19.64	202	955906	23.18 ng/ul	98
77) Pyrene	20.00	202	968877	20.85 ng/ul#	97
78) Butylbenzylphthalate	20.86	149	381007	20.94 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.78	252	363472	21.57 ng/ul	96
80) Benzo(a)anthracene	21.87	228	999863	19.91 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.73	149	515775	20.60 ng/ul	99
82) Chrysene	21.94	228	954037	20.31 ng/ul	98
84) Di-n-octyl phthalate	22.99	149	876737	22.27 ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	977234m>	20.32 ng/ul	
86) Benzo(k)fluoranthene	24.28	252	952088	20.83 ng/ul	99
88) Benzo(a)pyrene	25.14	252	962727	20.82 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.22	276	1188787	20.69 ng/ul	94
90) Dibenzo(a,h)anthracene	29.29	278	983553	20.31 ng/ul	96
91) Benzo(g,h,i)perylene	30.45	276	975099	20.33 ng/ul	95

SJ 12/13/16

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