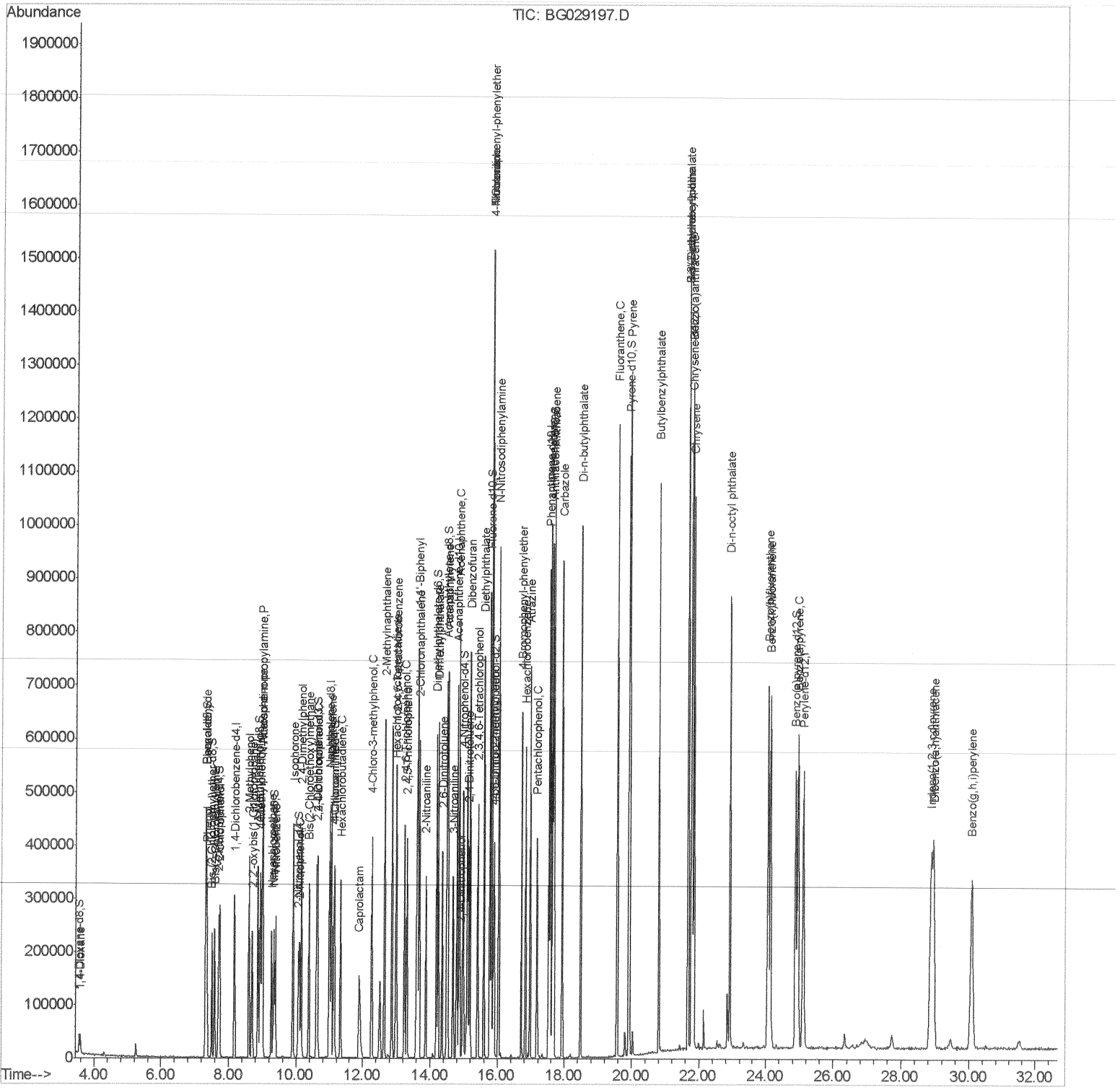
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101417\
Data File : BG029197.D
Acq On : 13 Oct 2017 18:50
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 14 05:37:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 18:23:31 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02064

Manual Integrations APPROVED
Sohil
10/15/2017 12:32:18 PM



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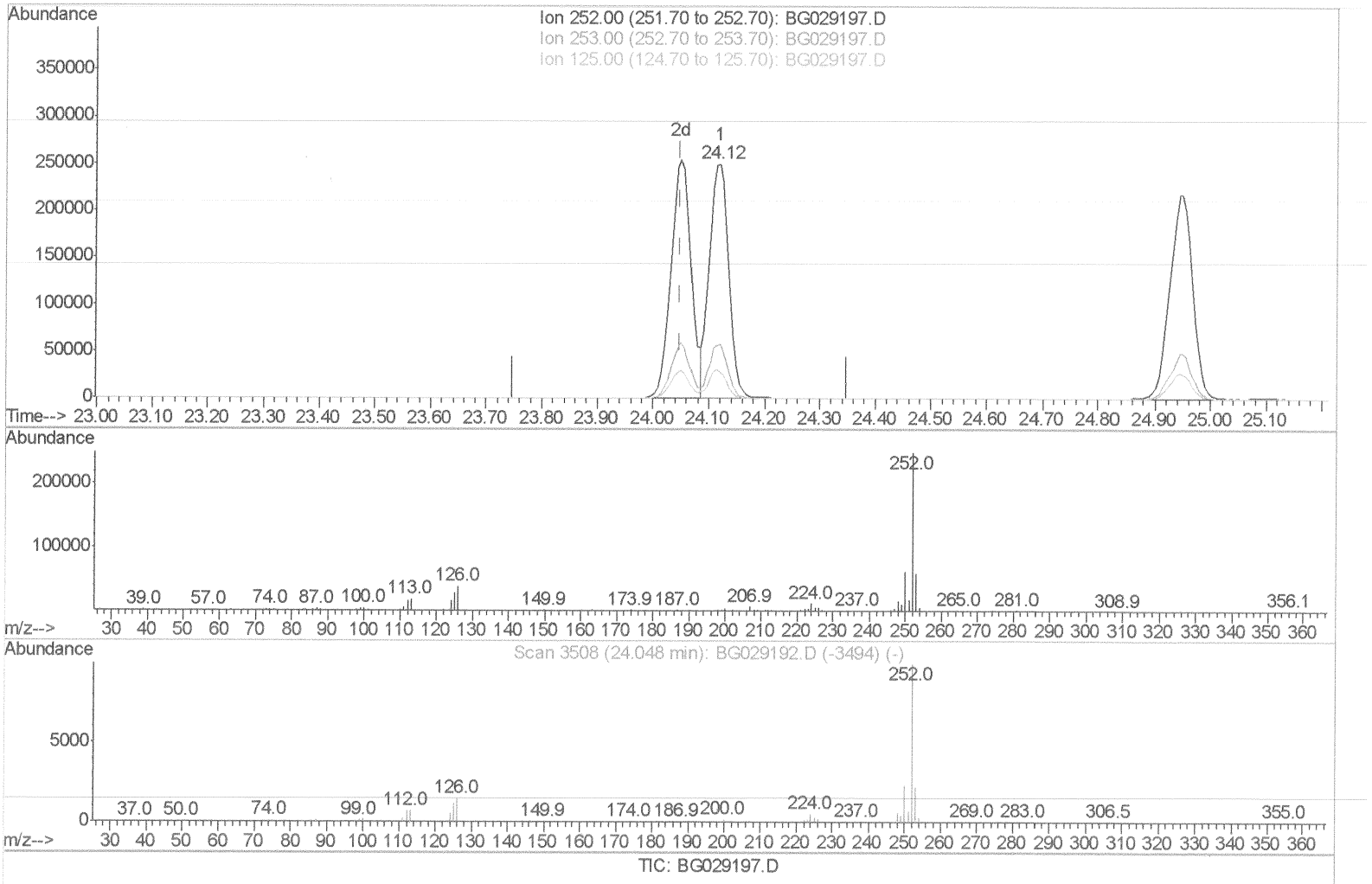

TIC: BG029197.D

(85) Benzo(b)fluoranthene

24.120min (+0.071) 19.65ng/ul

response 611583

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.34
125.00	9.40	11.07
0.00	0.00	0.00

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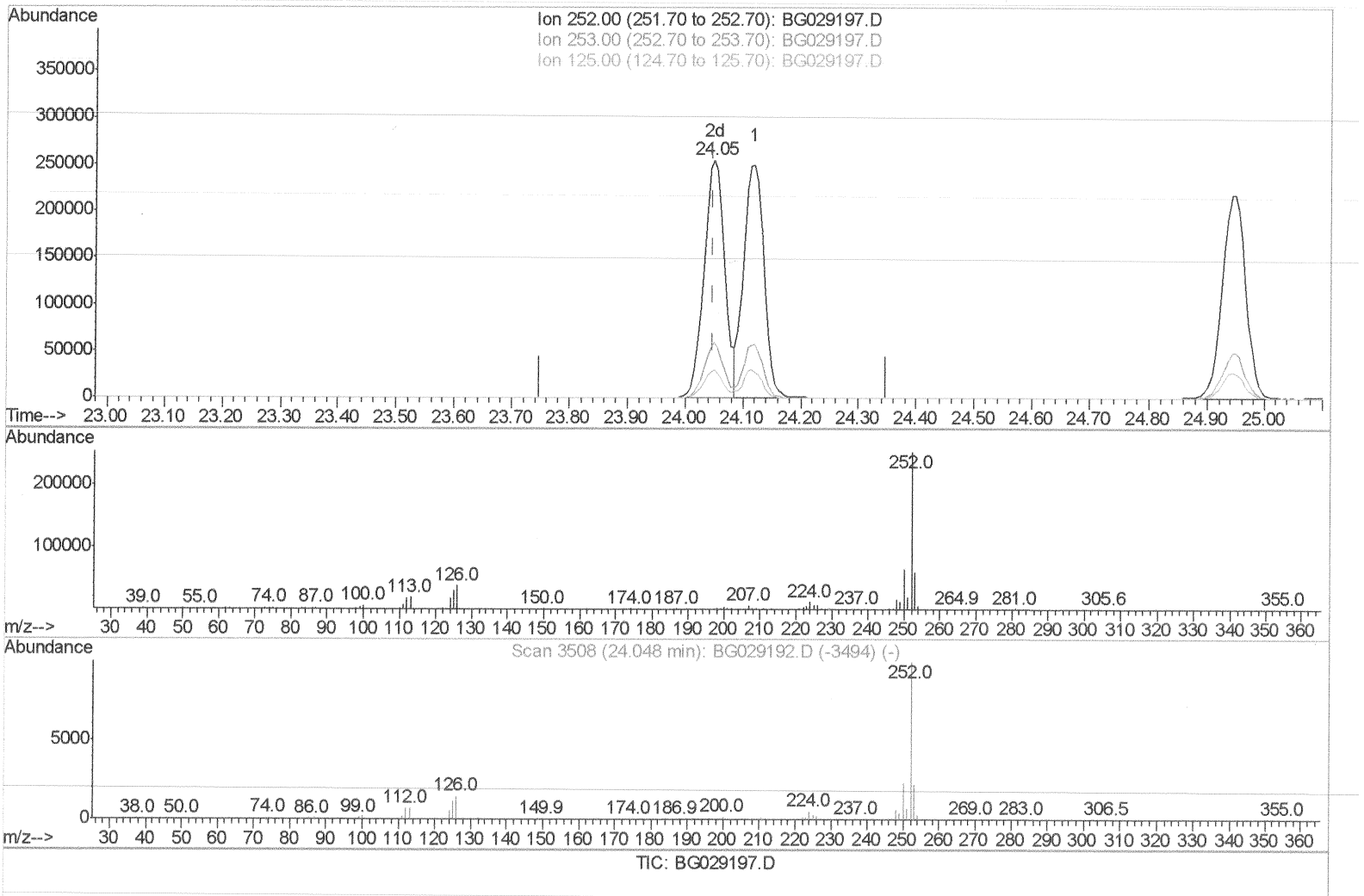

TIC: BG029197.D

(85) Benzo(b)fluoranthene

24.049min (+0.001) 20.57ng/ul m > SJ 10/15/17

response 640482

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.43
125.00	9.40	11.94#
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	8.17	152	84706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	380972	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	234307	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	552607	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	525255	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	518571	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	18093	8.68	ng/uL	0.00
5) Phenol-d5	7.32	99	170234	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	107650	21.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	119479	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	138513	21.09	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	60905	22.27	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	60760	21.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	130192	20.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	159813	21.54	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	417258	20.83	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	507106	20.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	75811	20.50	ng/ul	0.00
57) Fluorene-d10	15.78	176	342564	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	52831	19.59	ng/ul	0.00
70) Anthracene-d10	17.62	188	533779	20.42	ng/ul	0.00
76) Pyrene-d10	19.90	212	576113	21.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	499701	20.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	20637	8.121	ng/uL#	81
4) Benzaldehyde	7.30	77	115064	22.905	ng/ul	93
6) Phenol	7.35	94	174691	20.766	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.58	93	137499	21.472	ng/ul	94
10) 2-Chlorophenol	7.73	128	126070	21.504	ng/ul	98
11) 2-Methylphenol	8.60	108	128575	20.443	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.71	45	196692	20.957	ng/ul#	95
14) Acetophenone	8.99	105	213643	21.306	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.97	70	117246	21.099	ng/ul	94
16) 4-Methylphenol	8.93	108	141302	20.621	ng/ul	97
17) Hexachloroethane	9.27	117	49446	21.122	ng/ul	92
20) Nitrobenzene	9.38	77	156998	21.055	ng/ul#	90
21) Isophorone	9.90	82	326675	20.735	ng/ul	97
23) 2-Nitrophenol	10.09	139	68093	21.897	ng/ul#	83
24) 2,4-Dimethylphenol	10.14	107	156373	20.679	ng/ul#	90
25) Bis(2-Chloroethoxy)methane	10.38	93	194266	20.484	ng/ul	99
27) 2,4-Dichlorophenol	10.63	162	125233	20.481	ng/ul	96
28) Naphthalene	11.04	128	417083	20.690	ng/ul	99
30) 4-Chloroaniline	11.13	127	155043	21.356	ng/ul	99
31) Hexachlorobutadiene	11.32	225	70821	18.541	ng/ul	99
32) Caprolactam	11.88	113	52731	20.149	ng/ul	91
33) 4-Chloro-3-methylphenol	12.25	107	147096	20.503	ng/ul	94
34) 2-Methylnaphthalene	12.63	142	310110	18.584	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	143376	20.649	ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	74049	20.231	ng/ul	98
38) 2,4,6-Trichlorophenol	13.23	196	98778	20.534	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	106916	21.051	ng/ul	99
40) 1,1'-Biphenyl	13.63	154	402568	20.839	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	297442	20.341	ng/ul	98
42) 2-Nitroaniline	13.86	65	99164	21.649	ng/ul	91
44) Dimethylphthalate	14.23	163	399993	20.472	ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	77810	22.768	ng/ul	96
47) Acenaphthylene	14.51	152	516570	20.786	ng/ul	97
48) 3-Nitroaniline	14.68	138	76645	20.699	ng/ul	96
49) Acenaphthene	14.85	153	349188	20.538	ng/ul	98
50) 2,4-Dinitrophenol	14.88	184	32923	17.999	ng/ul	95
52) 4-Nitrophenol	14.98	109	58140	20.834	ng/ul#	68
53) Dibenzofuran	15.18	168	480173	20.658	ng/ul	96
54) 2,4-Dinitrotoluene	15.14	165	108776	21.770	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.41	232	93593	20.956	ng/ul#	94
56) Diethylphthalate	15.59	149	412251	20.476	ng/ul	99
58) Fluorene	15.83	166	400635	21.606	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	183662	21.052	ng/ul	96
60) 4-Nitroaniline	15.84	138	94972	20.864	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.90	198	57176	20.061	ng/ul#	82
64) N-Nitrosodiphenylamine	16.03	169	344454	20.898	ng/ul	93
65) 4-Bromophenyl-phenylether	16.71	248	113740	20.402	ng/ul	99
66) Hexachlorobenzene	16.83	284	114721	20.112	ng/ul	94
67) Atrazine	16.97	200	133511	21.330	ng/ul	98
68) Pentachlorophenol	17.17	266	68390	20.124	ng/ul	95
69) Phenanthrene	17.57	178	618885	20.717	ng/ul	98
71) Anthracene	17.66	178	645035	20.928	ng/ul	99
72) Carbazole	17.92	167	601731	21.719	ng/ul	99
73) Di-n-butylphthalate	18.47	149	702987	21.118	ng/ul	99
74) Fluoranthene	19.56	202	725398	21.727	ng/ul#	90
77) Pyrene	19.92	202	751750	21.355	ng/ul#	93
78) Butylbenzylphthalate	20.79	149	306031	21.440	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.68	252	200835	20.895	ng/ul	99
80) Benzo(a)anthracene	21.78	228	678584	20.615	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.68	149	438269	21.188	ng/ul	98
82) Chrysene	21.84	228	614924	20.560	ng/ul	99
84) Di-n-octyl phthalate	22.92	149	761741	21.955	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	640482m	20.573	ng/ul	
86) Benzo(k)fluoranthene	24.12	252	611583	20.319	ng/ul	96
88) Benzo(a)pyrene	24.94	252	623918	20.589	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	28.88	276	688504	20.082	ng/ul#	92
90) Dibenzo(a,h)anthracene	28.96	278	571303	20.059	ng/ul#	94
91) Benzo(g,h,i)perylene	30.07	276	572356	20.140	ng/ul#	88

SJ 10/15/17

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