Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG101716\
Data File : BG024385.D
Acq On : 17 Oct 2016 16:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 17:25:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 15 05:09:35 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED
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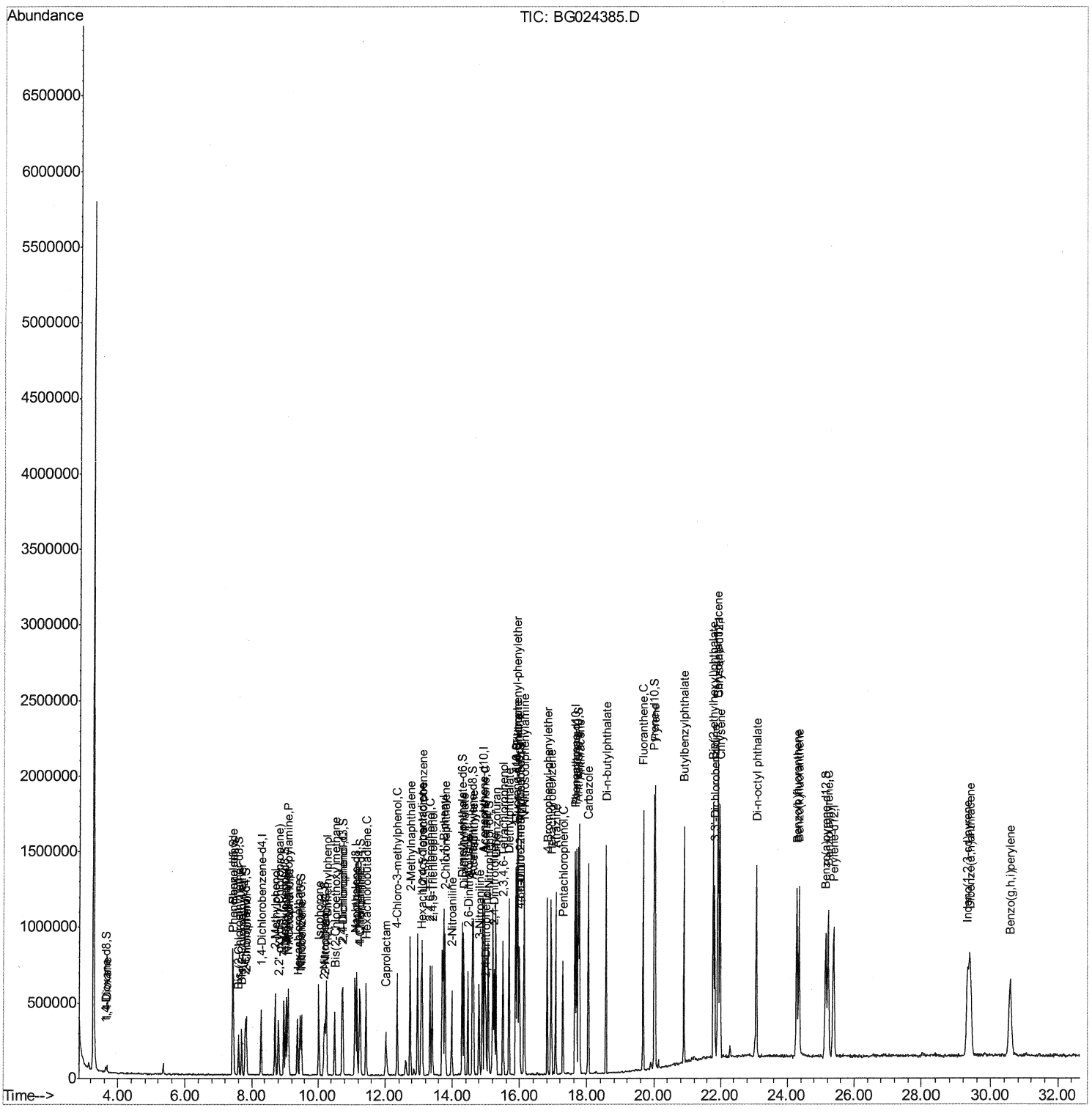

Quantitation Report (Qedit)

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Quant Time: Oct 17 17:20:55 2016
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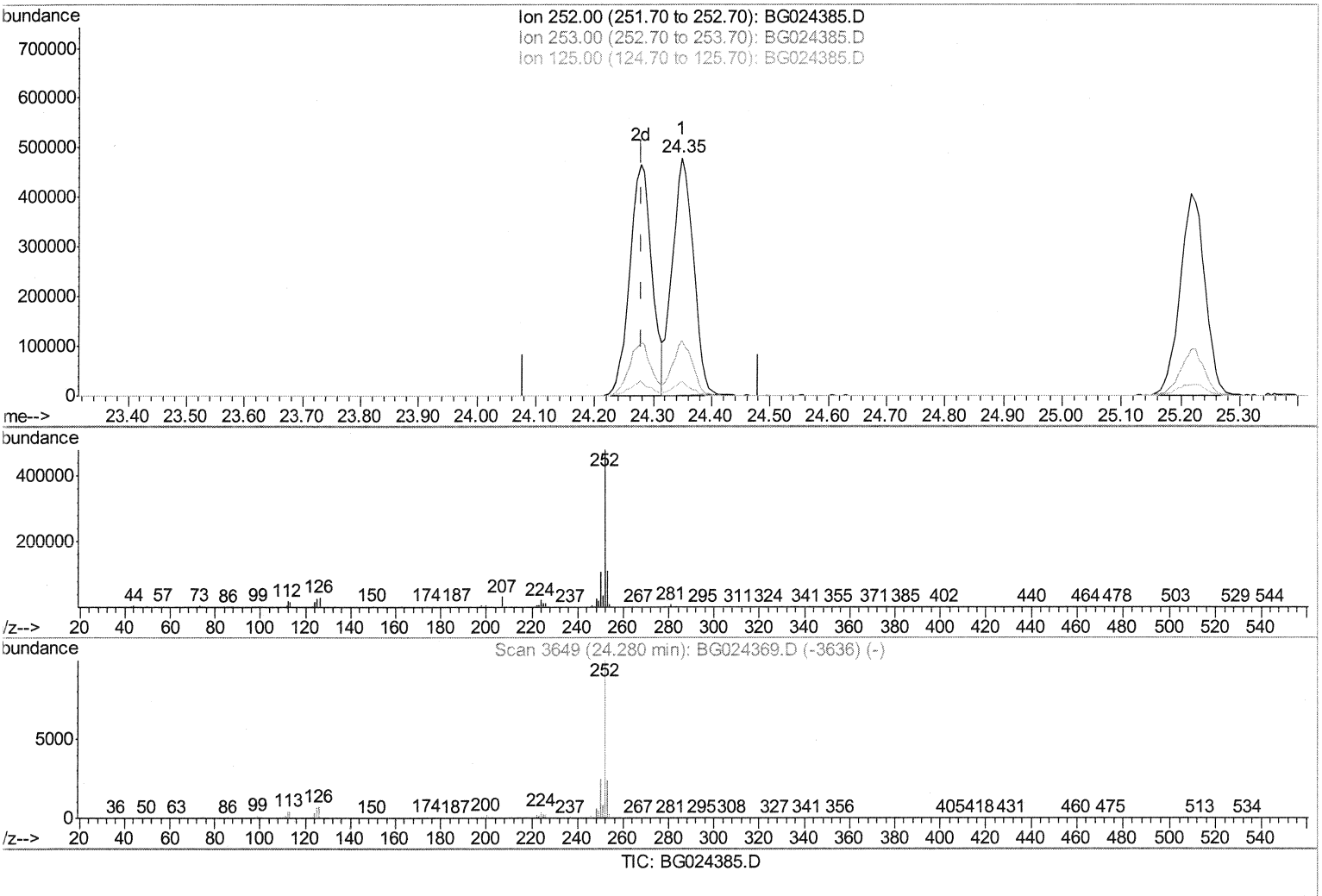

TIC: BG024385.D

(85) Benzo(b)fluoranthene

24.349min (+0.069) 19.90ng/ul

response 1191425

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.19
125.00	5.00	5.81
0.00	0.00	0.00

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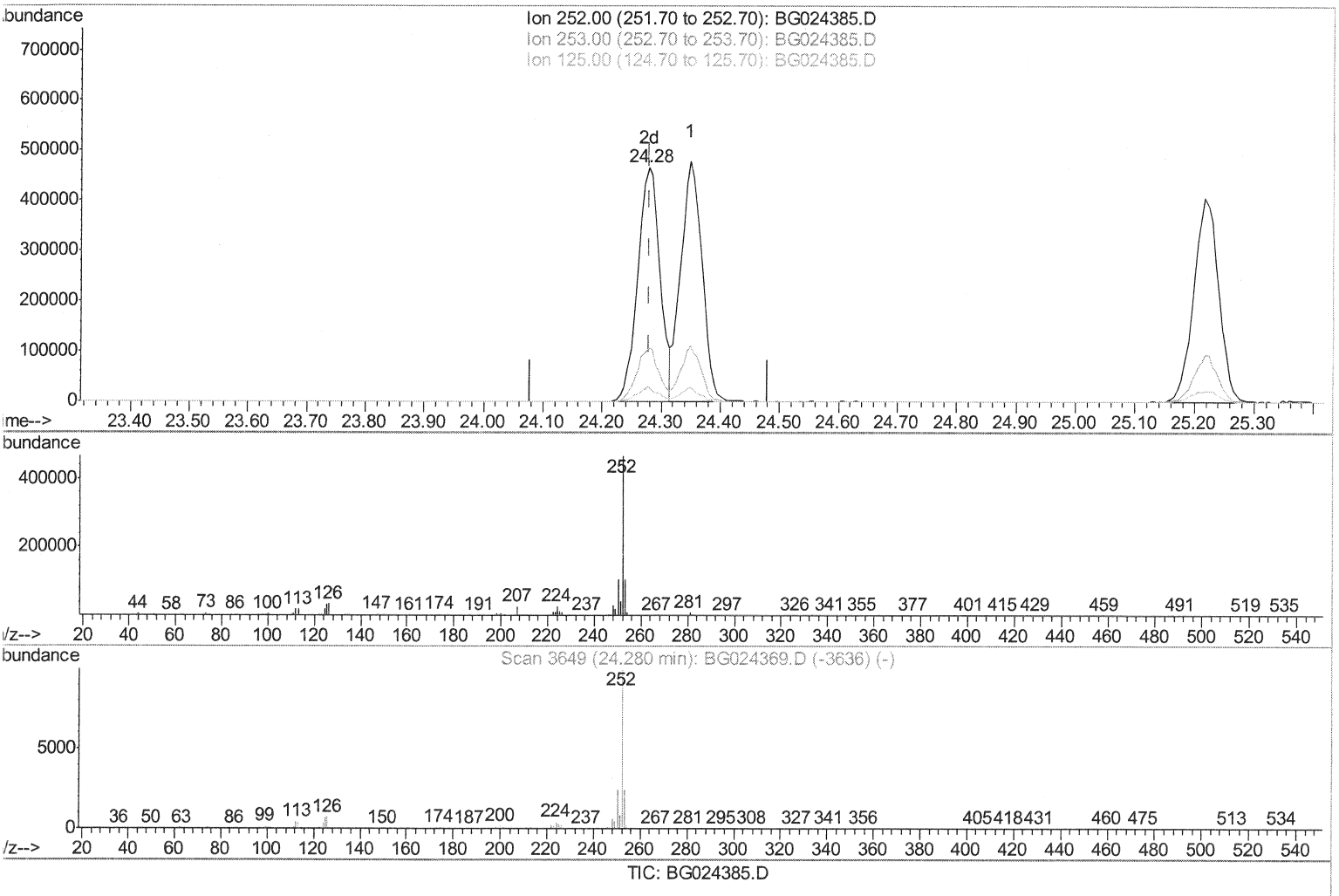

TIC: BG024385.D

(85) Benzo(b)fluoranthene

24.278min (-0.002) 20.40ng/ul m SJ 10/20/16

response 1221590

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.85
125.00	5.00	6.70#
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	8.29	152	115044	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	519873	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	419320	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	929052	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1054942	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1078433	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	19937	8.23	ng/uL	0.00
5) Phenol-d5	7.42	99	212705	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	137578	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	145005	19.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	181286	20.89	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	75570	20.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	93503	22.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	190203	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	209871	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	608299	20.78	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	724543	21.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	102064	19.66	ng/ul	0.00
57) Fluorene-d10	15.89	176	595947	21.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	118400	21.21	ng/ul	0.00
70) Anthracene-d10	17.74	188	870152	20.73	ng/ul	0.00
76) Pyrene-d10	20.01	212	1021479	20.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1033244	21.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	19830	7.55	ng/uL	86
4) Benzaldehyde	7.42	77	159079	21.06	ng/ul	88
6) Phenol	7.44	94	219751	20.17	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.69	93	164691	20.54	ng/ul	92
10) 2-Chlorophenol	7.84	128	146810	19.60	ng/ul	90
11) 2-Methylphenol	8.71	108	170985	21.19	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.81	45	303683	18.96	ng/ul	98
14) Acetophenone	9.11	105	267104	20.73	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.08	70	159643	20.54	ng/ul	89
16) 4-Methylphenol	9.04	108	180797	21.13	ng/ul	95
17) Hexachloroethane	9.38	117	63872	18.44	ng/ul#	81
20) Nitrobenzene	9.50	77	240525	20.60	ng/ul	95
21) Isophorone	10.02	82	444409	20.94	ng/ul	100
23) 2-Nitrophenol	10.22	139	95083	21.14	ng/ul	90
24) 2,4-Dimethylphenol	10.25	107	223716	20.18	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.50	93	245920	21.14	ng/ul	94
27) 2,4-Dichlorophenol	10.75	162	178871	20.75	ng/ul	99
28) Naphthalene	11.16	128	512588	20.48	ng/ul	98
30) 4-Chloroaniline	11.26	127	206324	21.53	ng/ul	100
31) Hexachlorobutadiene	11.43	225	150820	21.85	ng/ul	96
32) Caprolactam	12.02	113	66302	20.24	ng/ul	92
33) 4-Chloro-3-methylphenol	12.35	107	220160	20.87	ng/ul	93
34) 2-Methylnaphthalene	12.74	142	408257	20.51	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	274403	22.19	ng/ul	98
37) Hexachlorocyclopentadiene	13.08	237	187022	20.63	ng/ul	99
38) 2,4,6-Trichlorophenol	13.34	196	174128	21.72	ng/ul	93
39) 2,4,5-Trichlorophenol	13.40	196	189458	21.50	ng/ul	97
40) 1,1'-Biphenyl	13.74	154	576437	21.23	ng/ul	99
41) 2-Chloronaphthalene	13.78	162	456171	21.43	ng/ul	99
42) 2-Nitroaniline	13.98	65	180662	22.30	ng/ul	95
44) Dimethylphthalate	14.34	163	605987	21.11	ng/ul	97
45) 2,6-Dinitrotoluene	14.47	165	126053	22.63	ng/ul#	87
47) Acenaphthylene	14.62	152	685177	21.23	ng/ul	97
48) 3-Nitroaniline	14.80	138	118588	22.53	ng/ul#	83
49) Acenaphthene	14.96	153	491393	21.30	ng/ul	100
50) 2,4-Dinitrophenol	14.99	184	74488	19.94	ng/ul	89
52) 4-Nitrophenol	15.08	109	131128	20.85	ng/ul	92
53) Dibenzofuran	15.29	168	731369	21.54	ng/ul	93
54) 2,4-Dinitrotoluene	15.25	165	187407	22.71	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.51	232	187726	21.70	ng/ul#	96
56) Diethylphthalate	15.69	149	621166	20.53	ng/ul	96
58) Fluorene	15.94	166	584881	20.83	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.92	204	327167	21.00	ng/ul	86
60) 4-Nitroaniline	15.95	138	124093	20.48	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	16.01	198	122652	20.96	ng/ul#	94
64) N-Nitrosodiphenylamine	16.14	169	536574	20.42	ng/ul	93
65) 4-Bromophenyl-phenylether	16.82	248	233405	21.69	ng/ul	94
66) Hexachlorobenzene	16.93	284	255765	21.30	ng/ul	96
67) Atrazine	17.07	200	235249	21.89	ng/ul	94
68) Pentachlorophenol	17.28	266	143136	19.61	ng/ul	95
69) Phenanthrene	17.69	178	985010	21.00	ng/ul	98
71) Anthracene	17.77	178	1007448	21.10	ng/ul	99
72) Carbazole	18.04	167	833676	22.25	ng/ul	99
73) Di-n-butylphthalate	18.57	149	1005719	21.95	ng/ul	98
74) Fluoranthene	19.68	202	1150426	24.28	ng/ul	98
77) Pyrene	20.04	202	1157901	20.55	ng/ul	99
78) Butylbenzylphthalate	20.90	149	453142	20.02	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.82	252	429462	21.86	ng/ul	91
80) Benzo(a)anthracene	21.92	228	1225462	20.93	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.79	149	632582	19.76	ng/ul	99
82) Chrysene	21.99	228	1175282	21.09	ng/ul	99
84) Di-n-octyl phthalate	23.07	149	1094008	21.62	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1221590m	20.40	ng/ul	
86) Benzo(k)fluoranthene	24.35	252	1191774	20.66	ng/ul	99
88) Benzo(a)pyrene	25.22	252	1200902	21.06	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.33	276	1442741	21.36	ng/ul	99
90) Dibenzo(a,h)anthracene	29.41	278	1240347	21.71	ng/ul	97
91) Benzo(g,h,i)perylene	30.58	276	1188327	20.92	ng/ul	99

SJ 10/20/16

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