Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060117\

Quantitation Report (QT Reviewed)

Data File : BM010375.D
Acq On : 02 Jun 2017 02:58
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 02 04:22:07 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 02 01:55:54 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02014

Manual Integrations APPROVED
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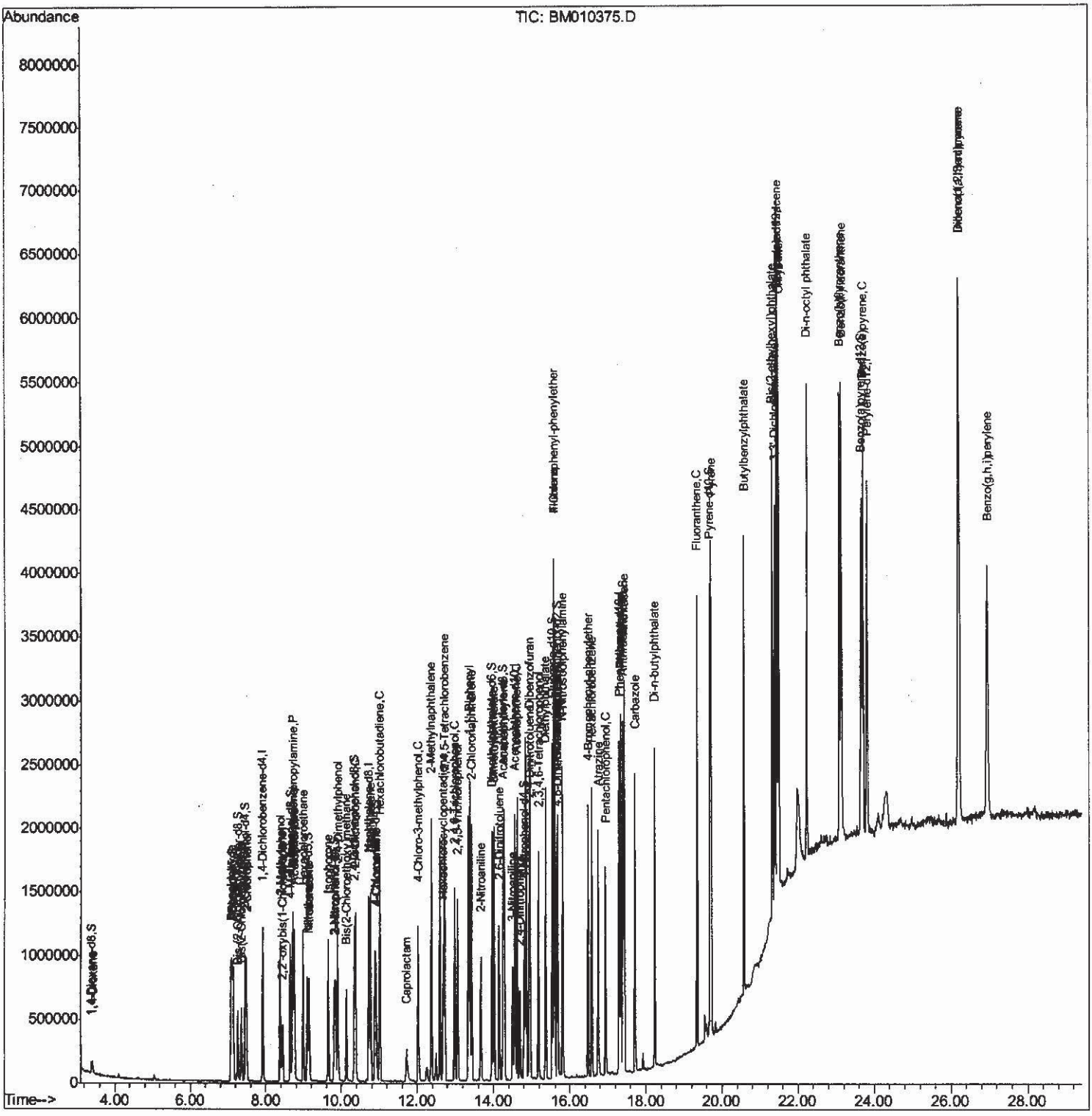

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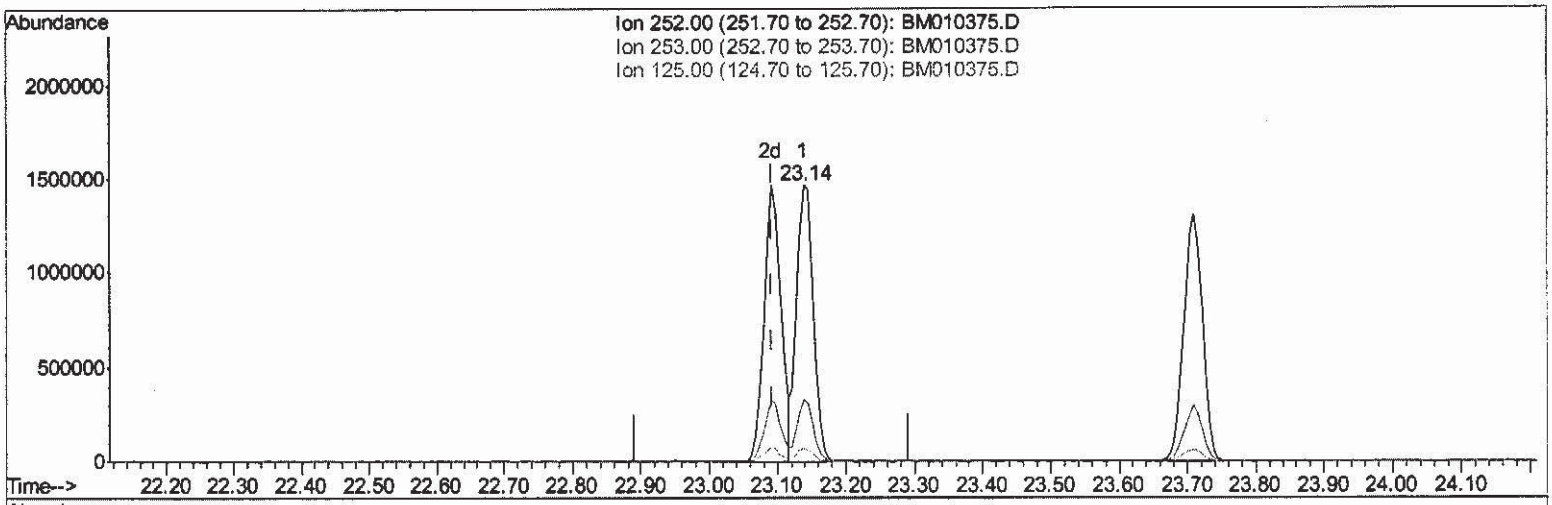

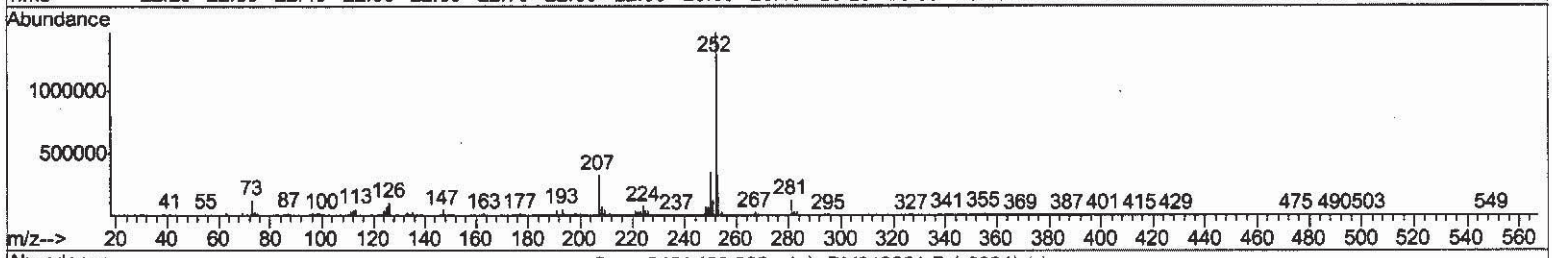

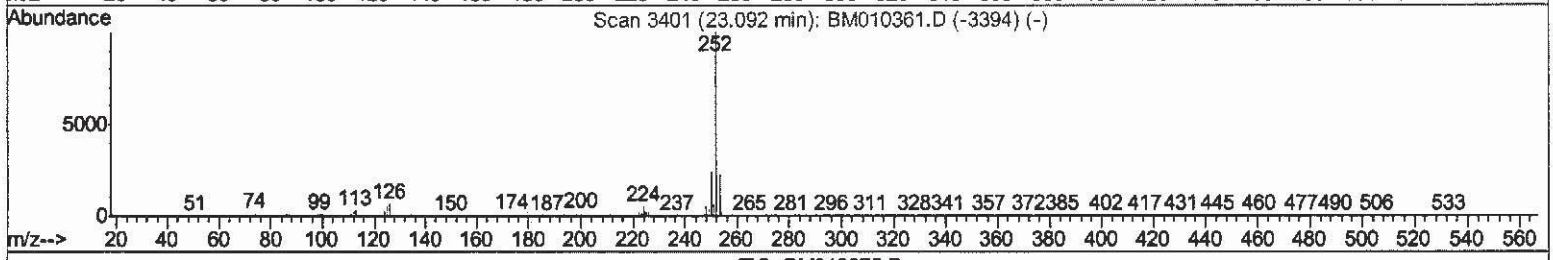

TIC: BM010375.D

(85) Benzo(b)fluoranthene

23.139min (+0.047) 20.02ng/ul

response 2459107

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.65
125.00	4.50	5.15
0.00	0.00	0.00

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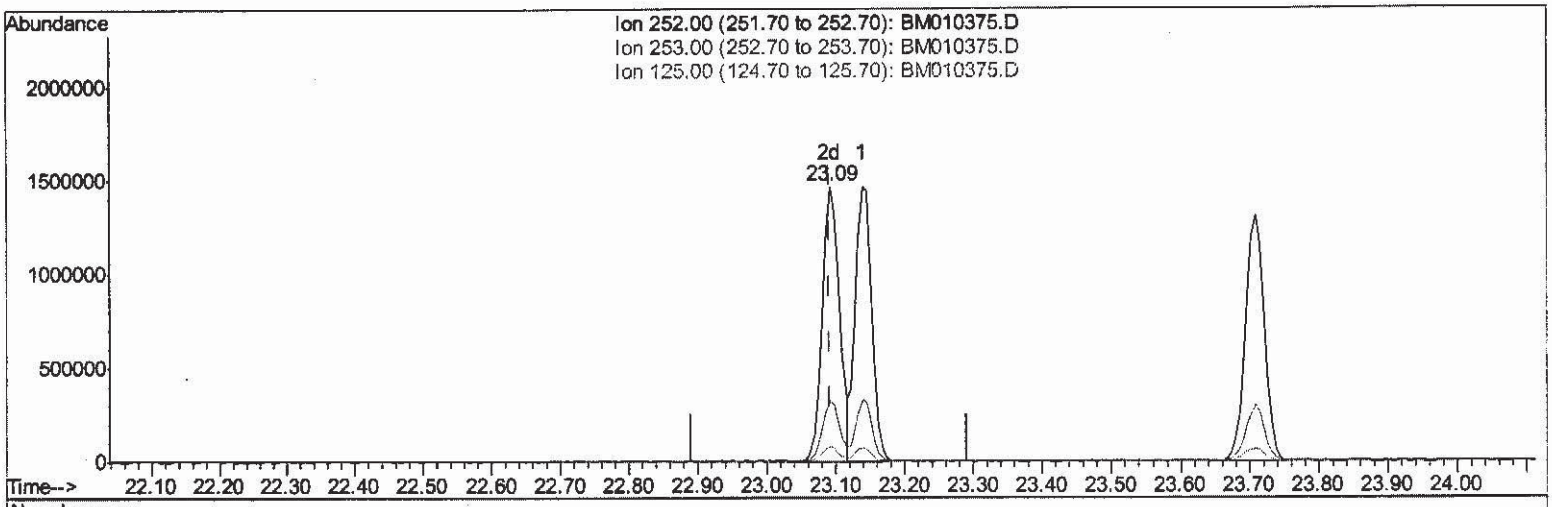

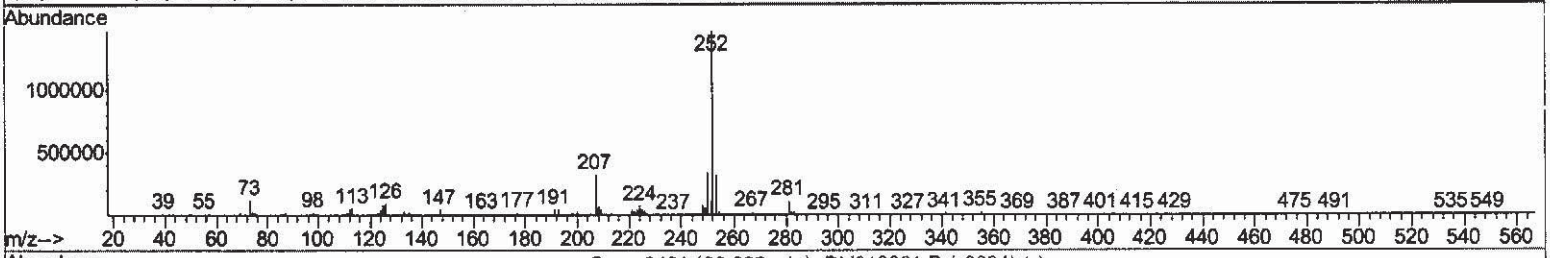

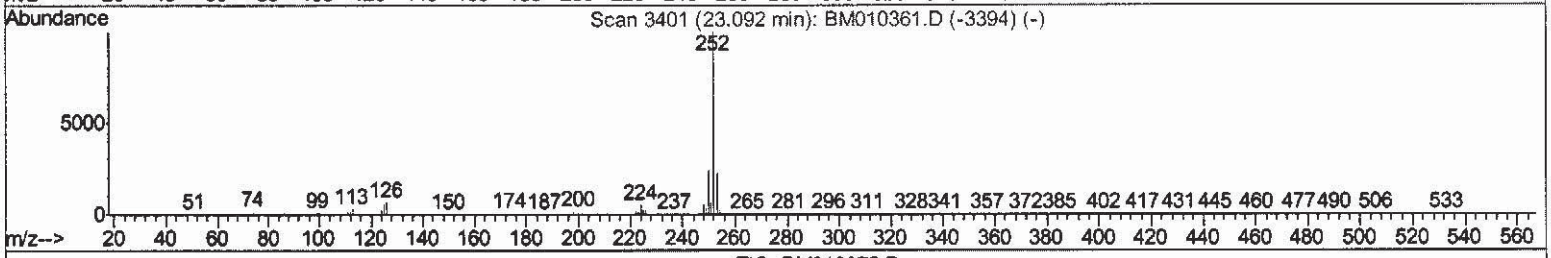

TIC: BM010375.D

(85) Benzo(b)fluoranthene

23.092min (-0.000) 20.49ng/ul m SJ 6/2/17

response 2517677

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	22.15
125.00	4.50	5.41#
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	7.92	152	282823	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	1028242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	636813	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1449169	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1995573	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	2111253	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	54226	7.87	ng/uL	0.00
5) Phenol-d5	7.11	99	433860	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	235846	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	352680	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	346591	20.04	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	162553	21.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	195132	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	391161	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	401806	23.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1114992	21.07	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1310846	21.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	153249	19.36	ng/ul	0.00
57) Fluorene-d10	15.54	176	941904	20.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	206301	20.10	ng/ul	0.00
70) Anthracene-d10	17.40	188	1452180	20.59	ng/ul	0.00
76) Pyrene-d10	19.69	212	1727810	20.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	2018711	20.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	60911	8.29	ng/uL#	55
4) Benzaldehyde	7.08	77	326337	22.64	ng/ul	99
6) Phenol	7.13	94	423092	19.26	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.35	93	299638	19.65	ng/ul	87
10) 2-Chlorophenol	7.49	128	347931	20.30	ng/ul	97
11) 2-Methylphenol	8.38	108	319398	19.91	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.45	45	132114	19.21	ng/ul#	53
14) Acetophenone	8.76	105	537964	19.06	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.72	70	295112	20.92	ng/ul#	84
16) 4-Methylphenol	8.71	108	339174	19.28	ng/ul	91
17) Hexachloroethane	8.99	117	160362	20.60	ng/ul	96
20) Nitrobenzene	9.15	77	461996	21.48	ng/ul	93
21) Isophorone	9.65	82	710954	21.48	ng/ul	98
23) 2-Nitrophenol	9.85	139	204492	22.10	ng/ul	91
24) 2,4-Dimethylphenol	9.90	107	451612	21.00	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.13	93	381467	20.51	ng/ul	94
27) 2,4-Dichlorophenol	10.38	162	379391	21.60	ng/ul#	91
28) Naphthalene	10.77	128	1067319	20.69	ng/ul	99
30) 4-Chloroaniline	10.91	127	372172	22.30	ng/ul	94
31) Hexachlorobutadiene	11.02	225	335123	20.83	ng/ul	90
32) Caprolactam	11.71	113	85206	19.39	ng/ul#	71
33) 4-Chloro-3-methylphenol	12.03	107	366190	21.66	ng/ul	97
34) 2-Methylnaphthalene	12.37	142	823245	21.05	ng/ul	98

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6/2/2017 2:18:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	541109	20.43	ng/ul#	94
37) Hexachlorocyclopentadiene	12.69	237	265247	14.93	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.99	196	328134	21.79	ng/ul	98
39) 2,4,5-Trichlorophenol	13.06	196	337055	22.19	ng/ul	95
40) 1,1'-Biphenyl	13.39	154	1082908	20.96	ng/ul	96
41) 2-Chloronaphthalene	13.43	162	831626	20.49	ng/ul	98
42) 2-Nitroaniline	13.67	65	227993	22.06	ng/ul	96
44) Dimethylphthalate	14.02	163	1063357	20.44	ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	200892	21.06	ng/ul	91
47) Acenaphthylene	14.28	152	1261105	20.91	ng/ul	99
48) 3-Nitroaniline	14.50	138	175191	19.07	ng/ul	89
49) Acenaphthene	14.62	153	862740	20.39	ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	137806	19.12	ng/ul#	86
52) 4-Nitrophenol	14.81	109	219893	20.27	ng/ul	86
53) Dibenzofuran	14.95	168	1310031	20.94	ng/ul	97
54) 2,4-Dinitrotoluene	14.93	165	304013	21.71	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.18	232	317713	21.77	ng/ul	92
56) Diethylphthalate	15.36	149	1040193	20.67	ng/ul	97
58) Fluorene	15.60	166	1059095	20.64	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.59	204	602723	20.55	ng/ul	97
60) 4-Nitroaniline	15.67	138	178440	18.55	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.69	198	212148	19.50	ng/ul	98
64) N-Nitrosodiphenylamine	15.82	169	872570	20.66	ng/ul	98
65) 4-Bromophenyl-phenylether	16.49	248	381140	21.38	ng/ul	92
66) Hexachlorobenzene	16.58	284	373943	20.03	ng/ul#	85
67) Atrazine	16.76	200	389339	21.21	ng/ul	95
68) Pentachlorophenol	16.94	266	230149	19.36	ng/ul	98
69) Phenanthrene	17.34	178	1601458	20.70	ng/ul	99
71) Anthracene	17.43	178	1676135	20.75	ng/ul	98
72) Carbazole	17.72	167	1351355	19.77	ng/ul	98
73) Di-n-butylphthalate	18.23	149	1663430	21.55	ng/ul	99
74) Fluoranthene	19.35	202	2062229	21.68	ng/ul	98
77) Pyrene	19.72	202	2153543	20.94	ng/ul	99
78) Butylbenzylphthalate	20.59	149	809283	22.77	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.39	252	791475	20.21	ng/ul	98
80) Benzo(a)anthracene	21.44	228	2334308	20.74	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.33	149	1199023	22.67	ng/ul	98
82) Chrysene	21.50	228	2096434	20.61	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2257000	23.23	ng/ul#	94
85) Benzo(b)fluoranthene	23.09	252	2517677m>	20.49	ng/ul	
86) Benzo(k)fluoranthene	23.14	252	2459107	20.95	ng/ul	97
88) Benzo(a)pyrene	23.71	252	2452662	20.14	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.21	276	3093265	20.11	ng/ul	98
90) Dibenzo(a,h)anthracene	26.21	278	2665480	20.12	ng/ul#	97
91) Benzo(g,h,i)perylene	26.96	276	2505616	19.77	ng/ul	99

SJ 6/2/17

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