Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101316\
Data File : BG024343.D
Acq On : 14 Oct 2016 5:41
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 14 09:17:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 06:45:57 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02025

Manual Integrations APPROVED
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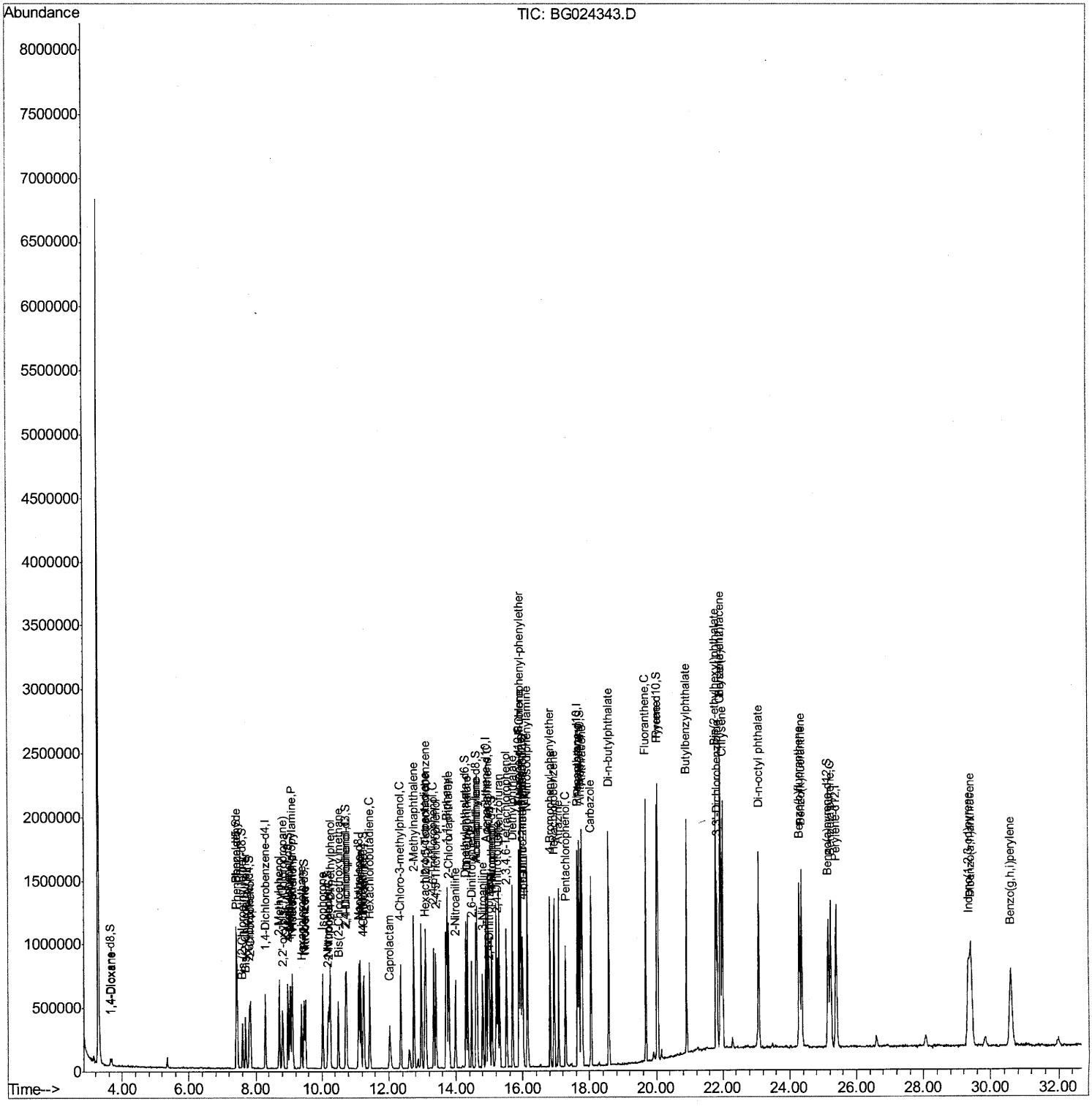
10/14/2016 6:43:34 PM



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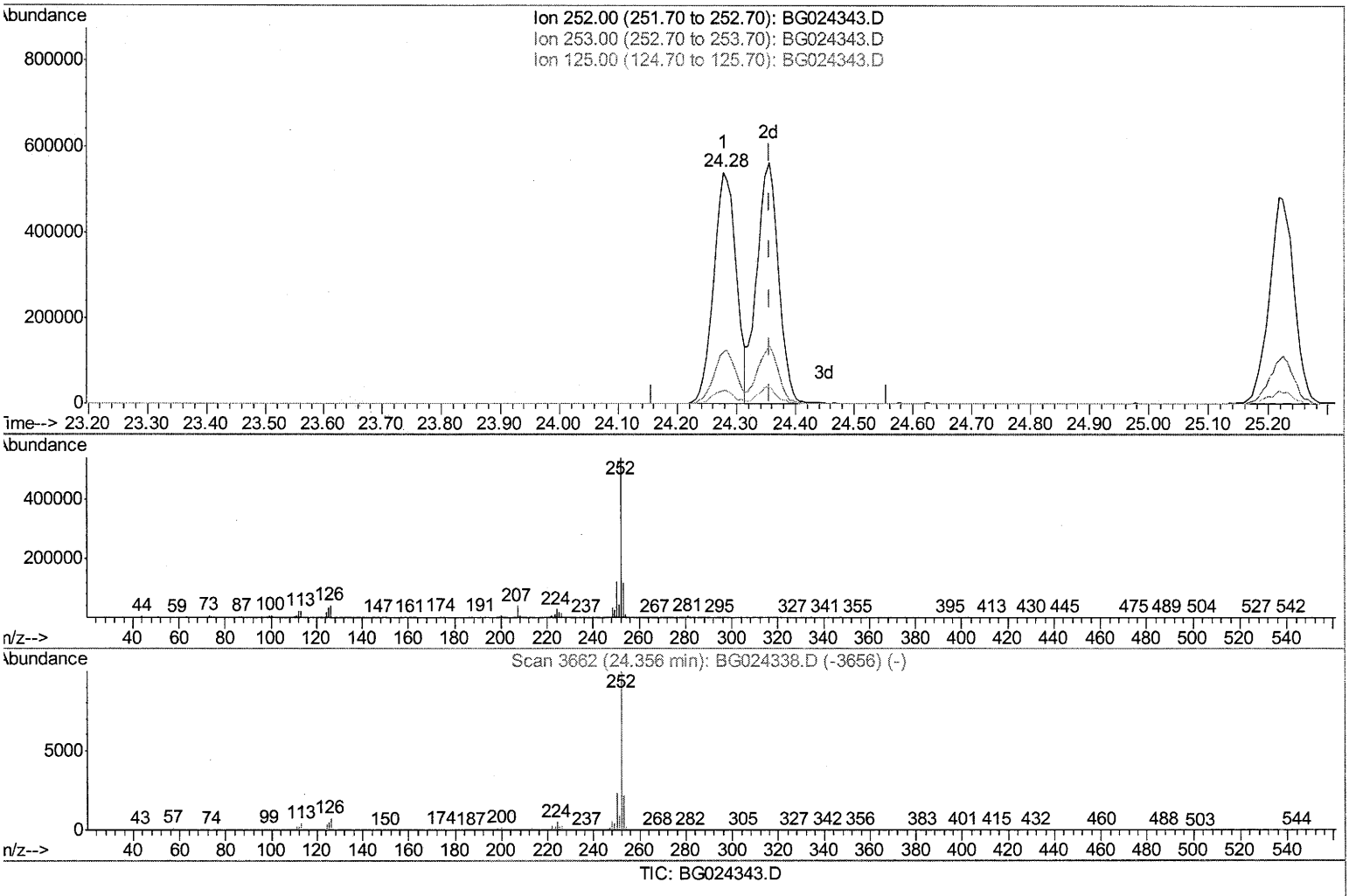

TIC: BG024343.D

(86) Benzo(k)fluoranthene

24.278min (-0.078) 21.76ng/ul

response 1434072

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.29
125.00	5.10	5.89
0.00	0.00	0.00

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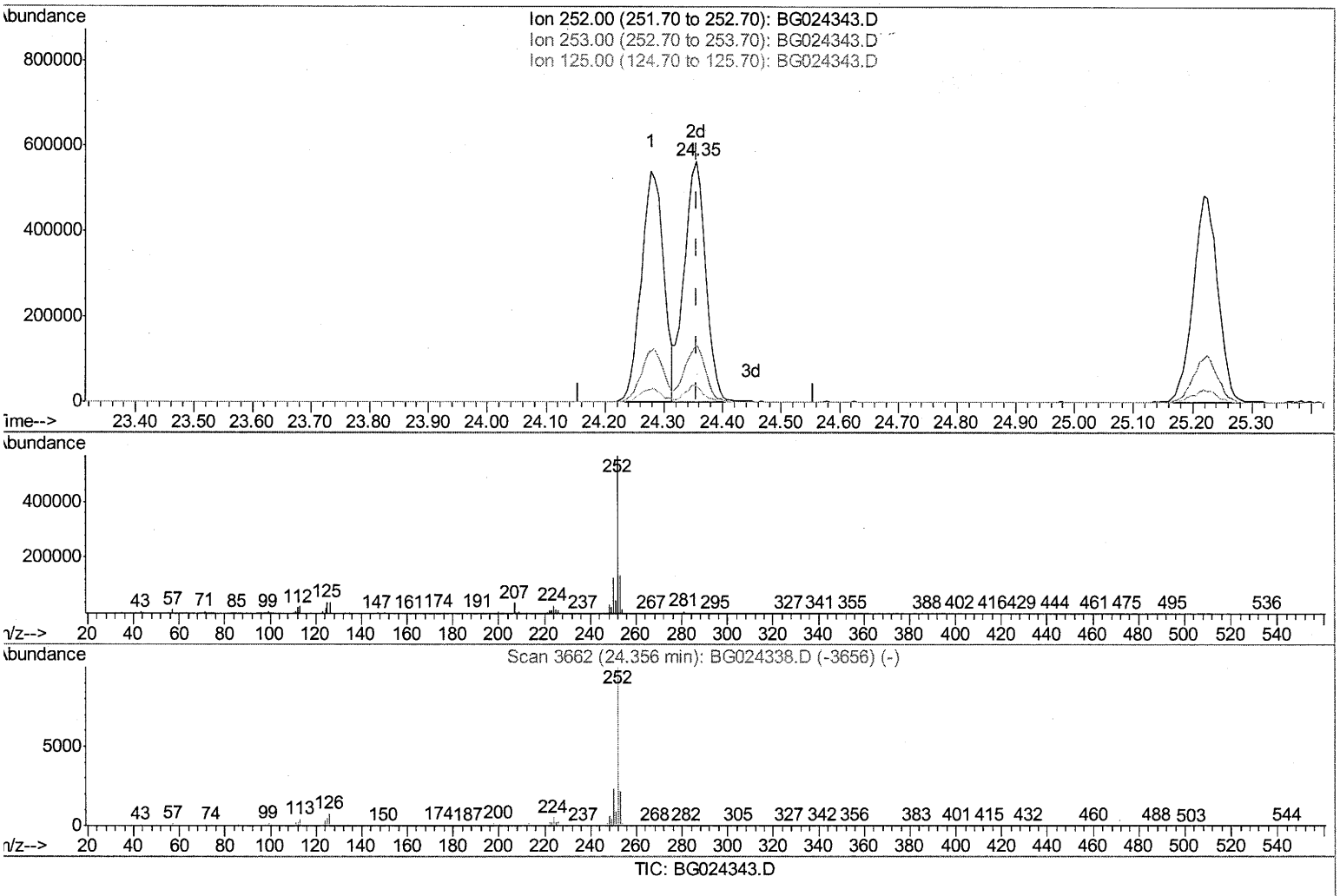

TIC: BG024343.D

(86) Benzo(k)fluoranthene

24.355min (-0.002) 21.82ng/ul m UM

response 1437776 10/14/16

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	24.19
125.00	5.10	6.98#
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	148355	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	649724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	506577	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1051226	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1203789	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1232100	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	26299	8.42	ng/uL	0.00
5) Phenol-d5	7.42	99	282251	20.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	181266	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	205667	21.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	235746	21.07	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	112055	24.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	124705	24.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	245654	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	263578	22.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.30	166	734114	20.75	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	878736	21.69	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	134633	21.47	ng/ul	0.00
57) Fluorene-d10	15.89	176	707695	21.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	145647	23.05	ng/ul	0.00
70) Anthracene-d10	17.74	188	1018892	21.46	ng/ul	0.00
76) Pyrene-d10	20.01	212	1169043	20.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1194634	21.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	28687	8.47	ng/uL	95
4) Benzaldehyde	7.42	77	214021	21.97	ng/ul	92
6) Phenol	7.44	94	292875	20.85	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.69	93	210952	20.40	ng/ul	92
10) 2-Chlorophenol	7.84	128	199730	20.68	ng/ul	90
11) 2-Methylphenol	8.71	108	212774	20.45	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.81	45	401628	19.45	ng/ul	98
14) Acetophenone	9.11	105	344950	20.76	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.09	70	196923	19.65	ng/ul#	93
16) 4-Methylphenol	9.04	108	229402	20.79	ng/ul	97
17) Hexachloroethane	9.38	117	91428	20.46	ng/ul	93
20) Nitrobenzene	9.50	77	322831	22.12	ng/ul	98
21) Isophorone	10.02	82	557200	21.01	ng/ul	97
23) 2-Nitrophenol	10.22	139	128908	22.93	ng/ul	92
24) 2,4-Dimethylphenol	10.26	107	287190	20.73	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.50	93	304470	20.94	ng/ul	97
27) 2,4-Dichlorophenol	10.75	162	237697	22.07	ng/ul	97
28) Naphthalene	11.17	128	660242	21.10	ng/ul#	96
30) 4-Chloroaniline	11.26	127	270251	22.56	ng/ul	92
31) Hexachlorobutadiene	11.43	225	195058	22.61	ng/ul	91
32) Caprolactam	12.03	113	79761	19.48	ng/ul	89
33) 4-Chloro-3-methylphenol	12.36	107	280448	21.28	ng/ul	100
34) 2-Methylnaphthalene	12.75	142	532556	21.41	ng/ul	94

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10/14/2016 6:43:34 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	339669	22.74 ng/ul	93
37) Hexachlorocyclopentadiene	13.08	237	224729	20.52 ng/ul	99
38) 2,4,6-Trichlorophenol	13.34	196	214835	22.18 ng/ul	87
39) 2,4,5-Trichlorophenol	13.41	196	237447	22.31 ng/ul	93
40) 1,1'-Biphenyl	13.74	154	716896	21.85 ng/ul	99
41) 2-Chloronaphthalene	13.79	162	581285	22.60 ng/ul	99
42) 2-Nitroaniline	13.98	65	225606	23.05 ng/ul	92
44) Dimethylphthalate	14.34	163	727156	20.97 ng/ul	98
45) 2,6-Dinitrotoluene	14.47	165	160580	23.86 ng/ul	92
47) Acenaphthylene	14.63	152	845920	21.69 ng/ul	98
48) 3-Nitroaniline	14.80	138	147459	23.19 ng/ul#	96
49) Acenaphthene	14.97	153	590817	21.20 ng/ul	98
50) 2,4-Dinitrophenol	15.00	184	99134	21.96 ng/ul#	77
52) 4-Nitrophenol	15.08	109	154985	20.40 ng/ul	96
53) Dibenzofuran	15.29	168	893512	21.78 ng/ul	100
54) 2,4-Dinitrotoluene	15.25	165	221424	22.21 ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.51	232	233810	22.38 ng/ul	100
56) Diethylphthalate	15.69	149	747272	20.44 ng/ul	97
58) Fluorene	15.94	166	705488	20.80 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.93	204	396712	21.08 ng/ul	92
60) 4-Nitroaniline	15.96	138	146826	20.05 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.01	198	152504	23.03 ng/ul#	97
64) N-Nitrosodiphenylamine	16.14	169	640923	21.56 ng/ul	93
65) 4-Bromophenyl-phenylether	16.82	248	264688	21.74 ng/ul	88
66) Hexachlorobenzene	16.94	284	300638	22.13 ng/ul	98
67) Atrazine	17.07	200	259293	21.32 ng/ul	100
68) Pentachlorophenol	17.28	266	184023	22.29 ng/ul	96
69) Phenanthrene	17.69	178	1143232	21.54 ng/ul	98
71) Anthracene	17.77	178	1162767	21.52 ng/ul	99
72) Carbazole	18.04	167	987029	23.28 ng/ul	98
73) Di-n-butylphthalate	18.57	149	1182540	22.81 ng/ul	99
74) Fluoranthene	19.68	202	1341082	25.02 ng/ul	100
77) Pyrene	20.04	202	1347339	20.96 ng/ul	97
78) Butylbenzylphthalate	20.91	149	551290	21.34 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.82	252	516705	23.05 ng/ul#	99
80) Benzo(a)anthracene	21.92	228	1458193	21.83 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.79	149	763685	20.90 ng/ul	97
82) Chrysene	21.99	228	1358166	21.36 ng/ul	97
84) Di-n-octyl phthalate	23.07	149	1317026	22.78 ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1434072	20.96 ng/ul	99
86) Benzo(k)fluoranthene	24.35	252	1437776m	21.82 ng/ul	
88) Benzo(a)pyrene	25.22	252	1404692	21.56 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.34	276	1738585	22.53 ng/ul	98
90) Dibenzo(a,h)anthracene	29.41	278	1469129	22.51 ng/ul	94
91) Benzo(g,h,i)perylene	30.59	276	1424384	21.95 ng/ul	98

UM 10/14/16

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