Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032116\
Data File : BG021462.D
Acq On : 22 Mar 2016 2:58
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 22 03:40:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 22 01:42:49 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02012

Manual Integrations APPROVED
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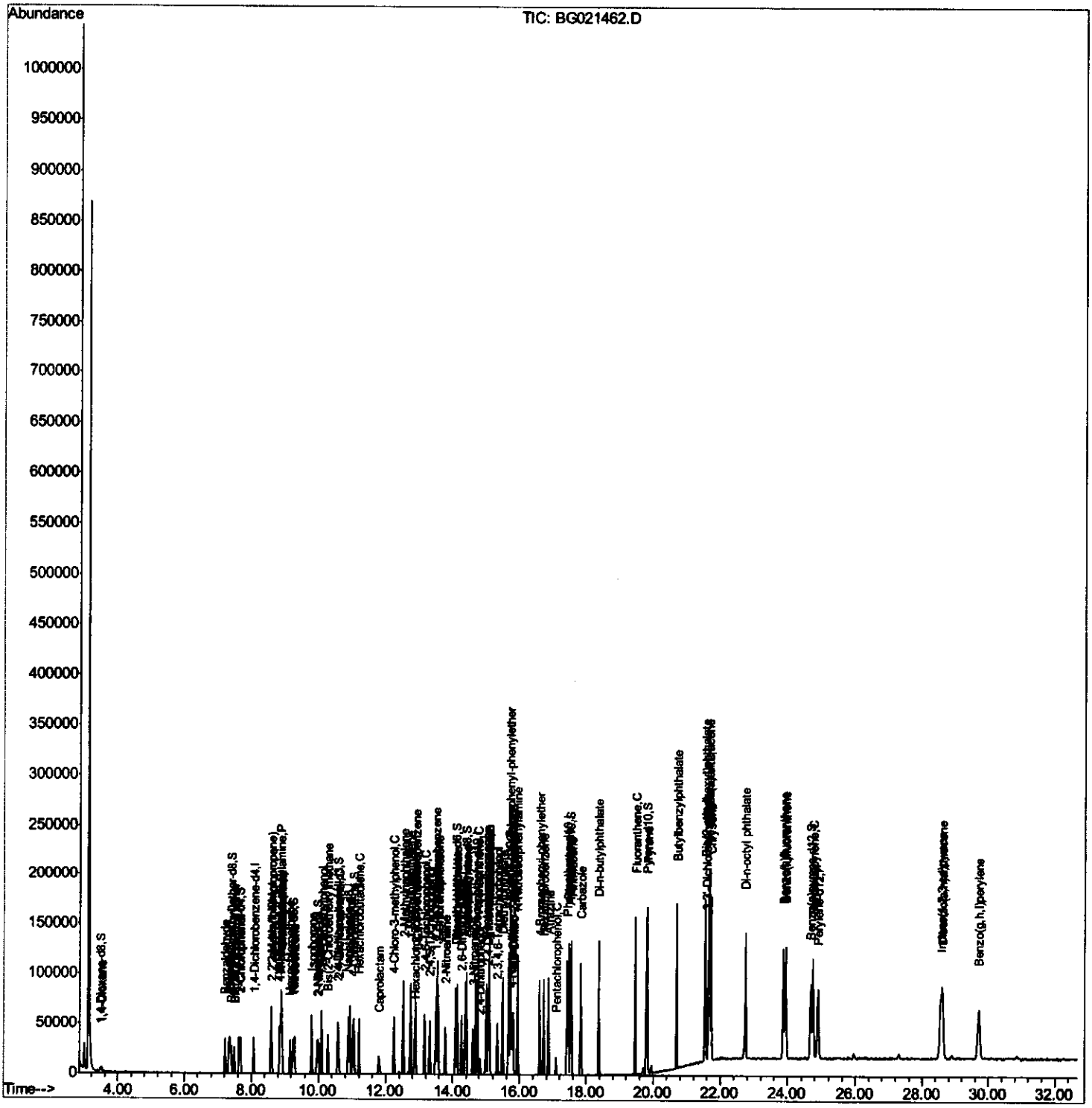

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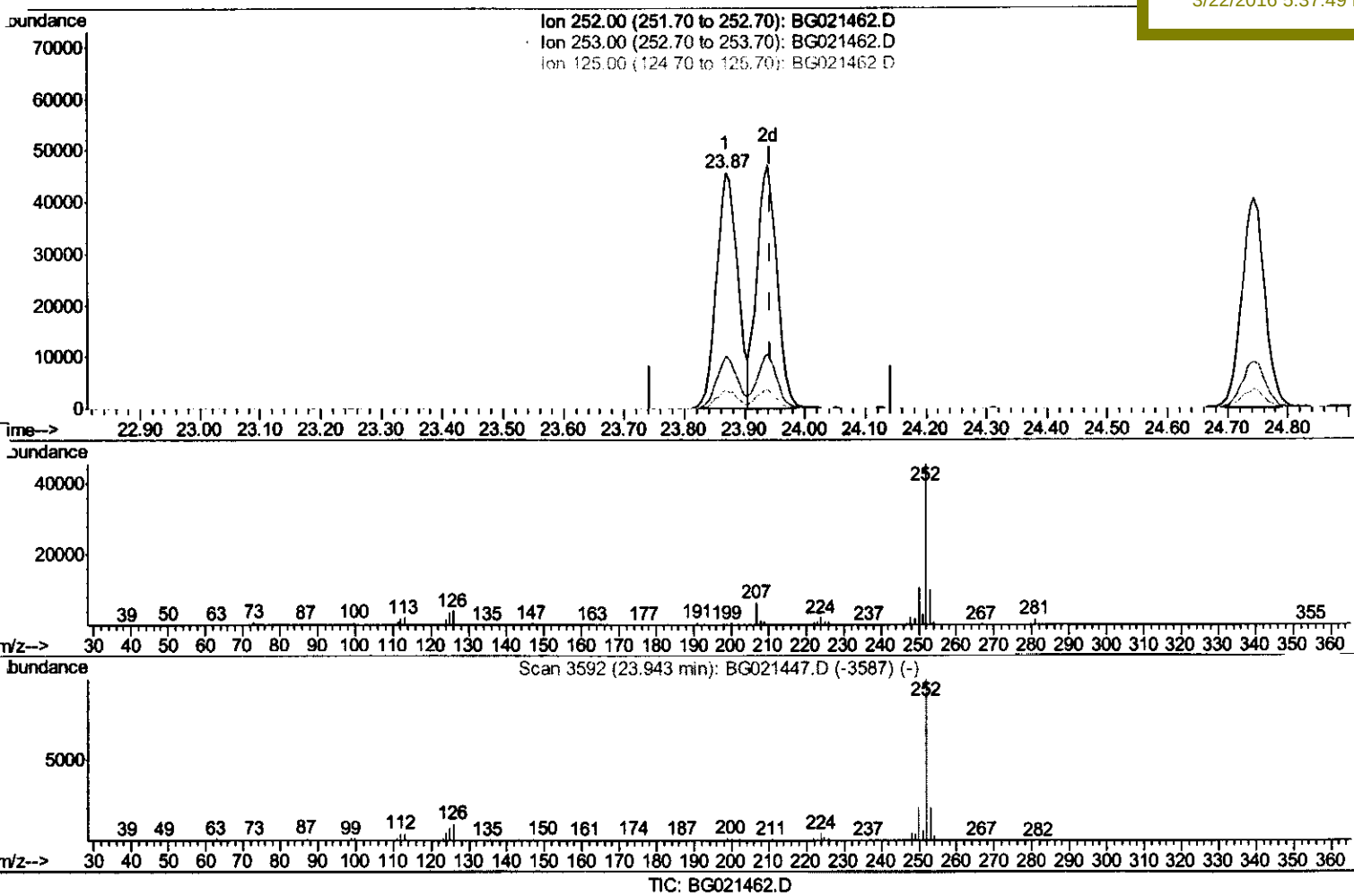

TIC: BG021462.D

(89) Benzo(k)fluoranthene

23.869min (-0.073) 22.12ng/ul

response 111698

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.11
125.00	9.60	7.83
0.00	0.00	0.00

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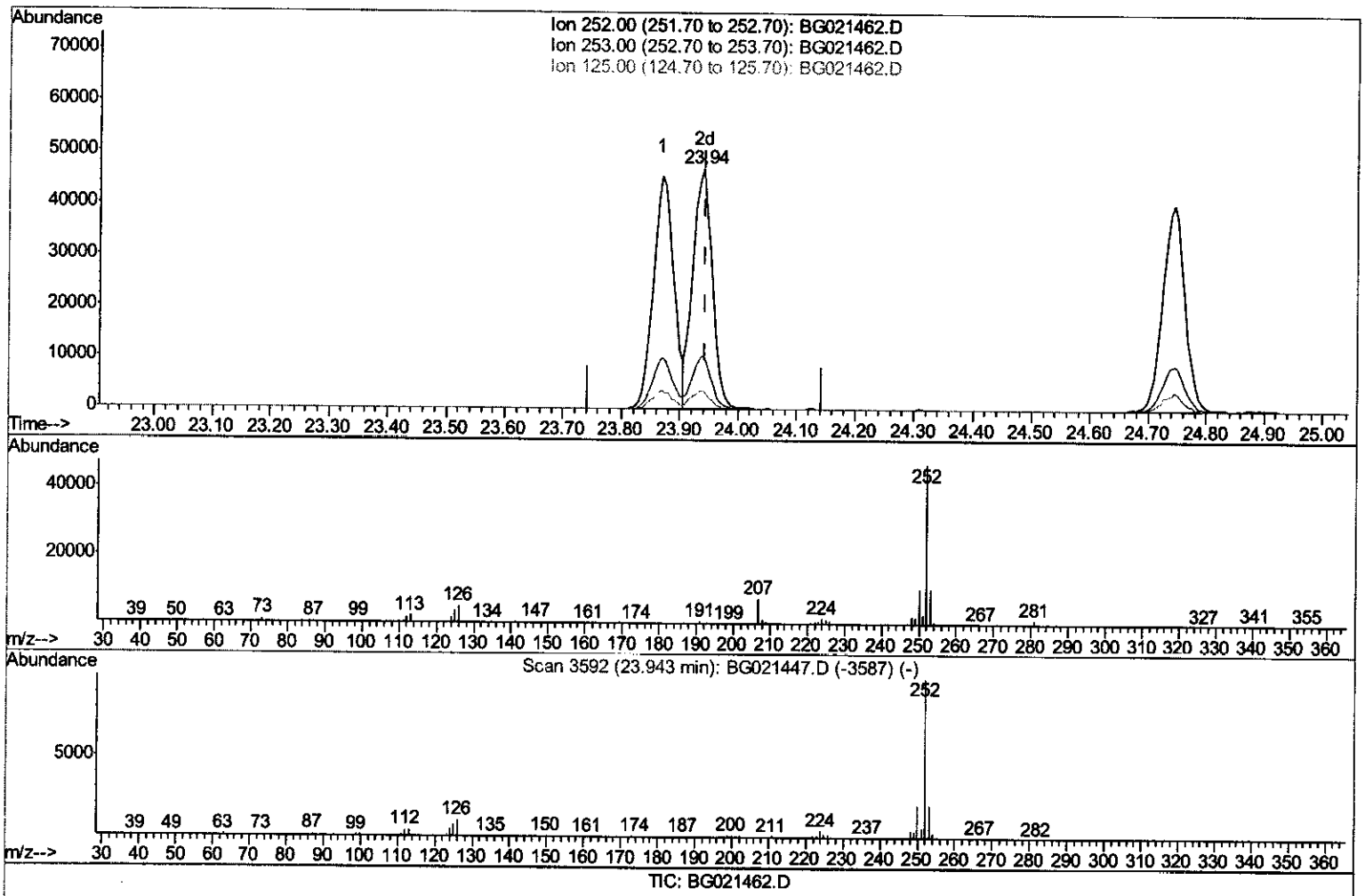

TIC: BG021462.D

(89) Benzo(k)fluoranthene

23.940min (-0.003) 21.56ng/ul m U.M 3/31/16

response 108888

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.24
125.00	9.60	7.55#
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	8.08	152	10193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	49120	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	31781	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	69023	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	83412	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	80035	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	2022	8.90	ng/uL	0.00
5) Phenol-d5	7.34	99	19840	20.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	12600	22.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	15583	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	20323	24.62	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	8664	23.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	9055	21.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	17999	23.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	23148	23.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	54736	20.68	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	69221	21.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	5643	13.34	ng/ul	0.00
58) Fluorene-d10	15.67	176	48498	20.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	9134	20.03	ng/ul	0.00
71) Anthracene-d10	17.52	188	70877	20.95	ng/ul	0.00
79) Pyrene-d10	19.80	212	82703	21.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	78189	21.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	2569	8.37	ng/uL#	85
4) Benzaldehyde	7.21	77	13769	23.45	ng/ul	98
6) Phenol	7.36	94	21111	20.72	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.49	93	15807	21.43	ng/ul#	84
10) 2-Chlorophenol	7.68	128	16809	22.35	ng/ul	91
11) 2-Methylphenol	8.59	108	17446	22.25	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.61	45	18742	21.07	ng/ul#	57
14) Acetophenone	8.90	105	29195	21.68	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	16221	21.73	ng/ul	98
16) 4-Methylphenol	8.91	108	18957	21.31	ng/ul#	78
17) Hexachloroethane	9.15	117	6517	20.65	ng/ul	86
20) Nitrobenzene	9.29	77	23314	22.40	ng/ul	96
21) Isophorone	9.80	82	42934	21.40	ng/ul	97
23) 2-Nitrophenol	9.99	139	10185	21.90	ng/ul	94
24) 2,4-Dimethylphenol	10.09	107	23284	22.19	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.28	93	22928	21.94	ng/ul	95
27) 2,4-Dichlorophenol	10.60	162	17874	22.86	ng/ul	96
28) Naphthalene	10.93	128	57665	22.14	ng/ul	99
30) 4-Chloroaniline	11.05	127	23675	22.91	ng/ul	96
31) Hexachlorobutadiene	11.20	225	12006	20.85	ng/ul	93
32) Caprolactam	11.79	113	5705	19.43	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.24	107	21189	22.19	ng/ul	87
34) 2-Methylnaphthalene	12.52	142	43080	22.29	ng/ul	97

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	41056	21.89 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	24989	22.46 ng/ul	97
38) Hexachlorocyclopentadiene	12.86	237	6325	15.52 ng/ul	94
39) 2,4,6-Trichlorophenol	13.15	196	15034	22.99 ng/ul	96
40) 2,4,5-Trichlorophenol	13.31	196	15913	22.29 ng/ul#	94
41) 1,1'-Biphenyl	13.52	154	57578	22.15 ng/ul	94
42) 2-Chloronaphthalene	13.57	162	44069	21.67 ng/ul	98
43) 2-Nitroaniline	13.79	65	14667	20.68 ng/ul#	80
45) Dimethylphthalate	14.13	163	56549	20.57 ng/ul	97
46) 2,6-Dinitrotoluene	14.27	165	11605	20.68 ng/ul	89
48) Acenaphthylene	14.41	152	70090	21.69 ng/ul	98
49) 3-Nitroaniline	14.60	138	10912	21.02 ng/ul	91
50) Acenaphthene	14.75	153	48298	21.67 ng/ul	97
51) 2,4-Dinitrophenol	14.82	184	4559	16.13 ng/ul#	75
53) 4-Nitrophenol	15.09	109	7639	17.41 ng/ul#	1
54) Dibenzofuran	15.08	168	65821	21.08 ng/ul	93
55) 2,4-Dinitrotoluene	15.05	165	17029	20.70 ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.33	232	11459	21.96 ng/ul	97
57) Diethylphthalate	15.49	149	56105	19.09 ng/ul	99
59) Fluorene	15.73	166	55326	20.26 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.71	204	29130	20.31 ng/ul	96
61) 4-Nitroaniline	15.77	138	10605	19.49 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.81	198	9790	20.33 ng/ul	97
65) N-Nitrosodiphenylamine	15.93	169	48690	22.77 ng/ul	96
66) 4-Bromophenyl-phenylether	16.61	248	18405	22.83 ng/ul	90
67) Hexachlorobenzene	16.72	284	19137	22.50 ng/ul	96
68) Atrazine	16.87	200	18453	21.40 ng/ul	95
69) Pentachlorophenol	17.10	266	4247	18.88 ng/ul	91
70) Phenanthrene	17.47	178	83094	21.26 ng/ul	99
72) Anthracene	17.56	178	84642	21.28 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	24193	25.03 ng/uL	95
74) Pentachlorobenzene	15.00	250	24017	23.94 ng/uL	92
75) Carbazole	17.84	167	72647	21.11 ng/ul	95
76) Di-n-butylphthalate	18.36	149	94940	21.38 ng/ul	99
77) Fluoranthene	19.47	202	100745	21.36 ng/ul#	93
80) Pyrene	19.83	202	105798	21.29 ng/ul#	94
81) Butylbenzylphthalate	20.70	149	44417	21.16 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.58	252	37465	21.66 ng/ul#	97
83) Benzo(a)anthracene	21.66	228	108843	21.62 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	64827	21.12 ng/ul	96
85) Chrysene	21.72	228	102192	21.43 ng/ul	99
87) Di-n-octyl phthalate	22.75	149	112969	20.79 ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	111698	21.73 ng/ul	98
89) Benzo(k)fluoranthene	23.94	252	108888m	21.56 ng/ul	
91) Benzo(a)pyrene	24.74	252	107759	21.59 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.56	276	121338	21.39 ng/ul#	95
93) Dibenzo(a,h)anthracene	28.61	278	103315	21.41 ng/ul#	97
94) Benzo(g,h,i)perylene	29.71	276	100199	21.48 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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