Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101416\
Data File : BG024369.D
Acq On : 15 Oct 2016 2:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 15 05:07:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 14 23:22:45 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02028

Manual Integrations APPROVED
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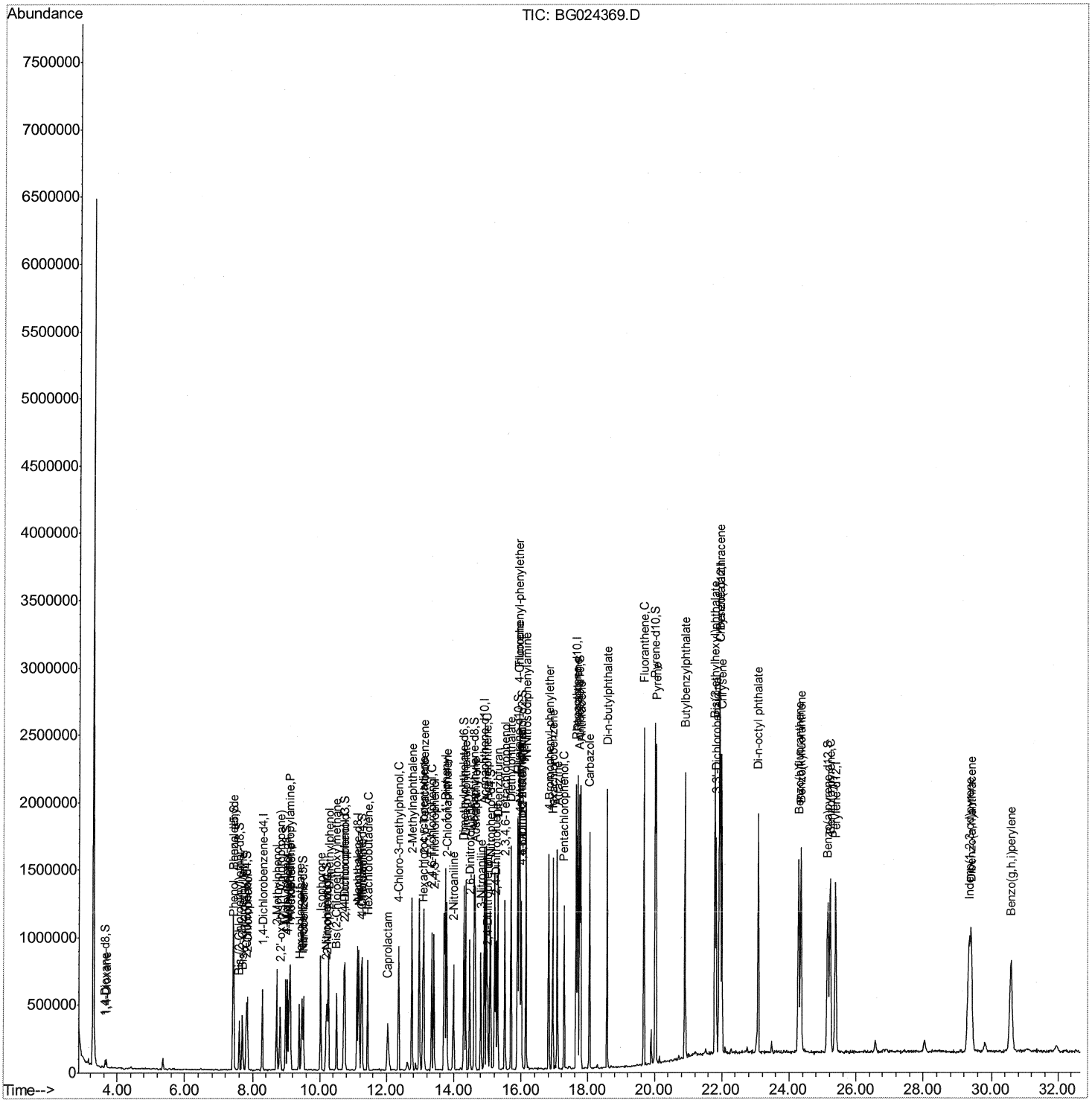

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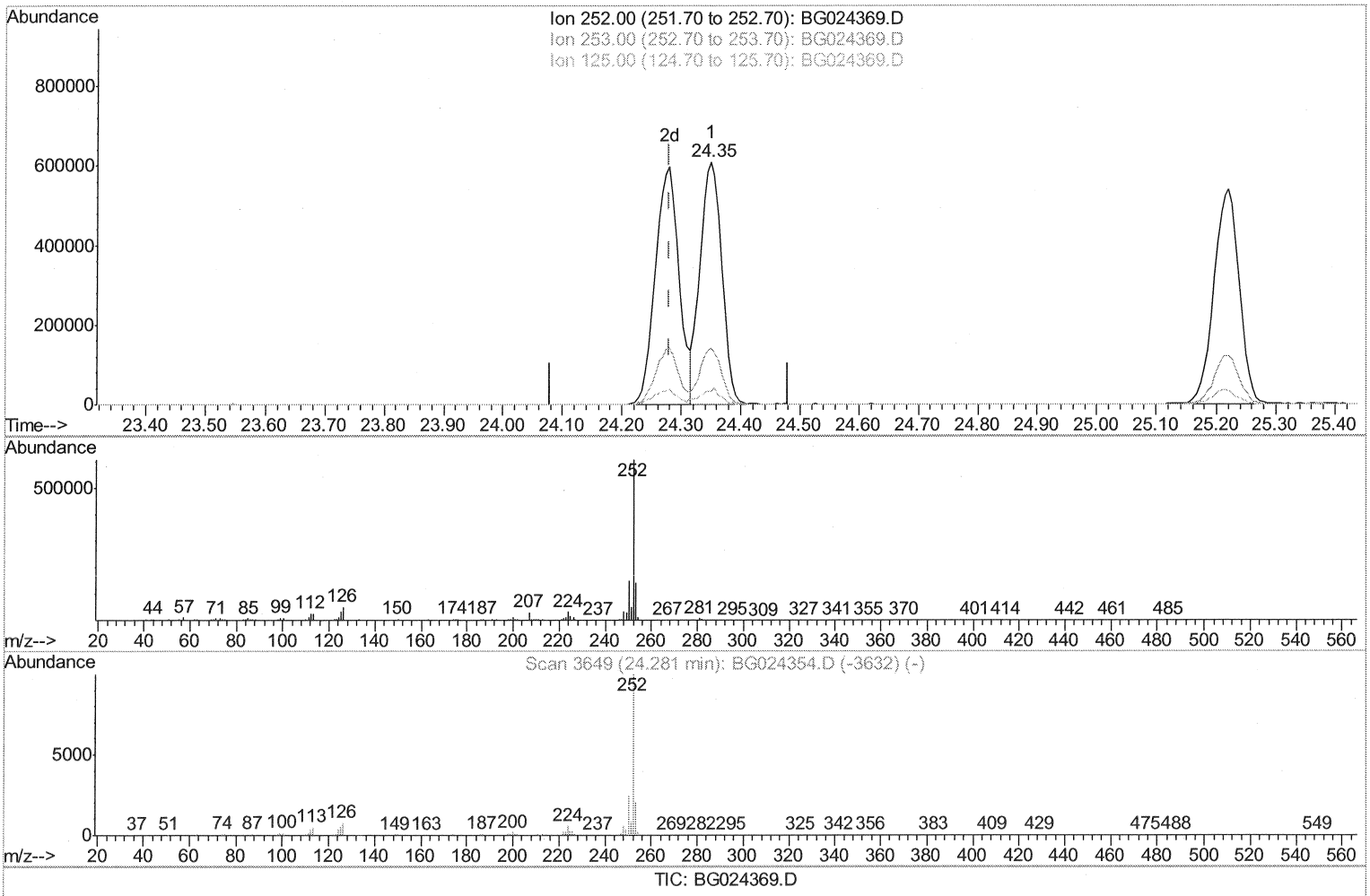

TIC: BG024369.D

(85) Benzo(b)fluoranthene

24.350min (+0.070) 18.65ng/ul

response 1551368

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.41
125.00	5.00	5.67
0.00	0.00	0.00

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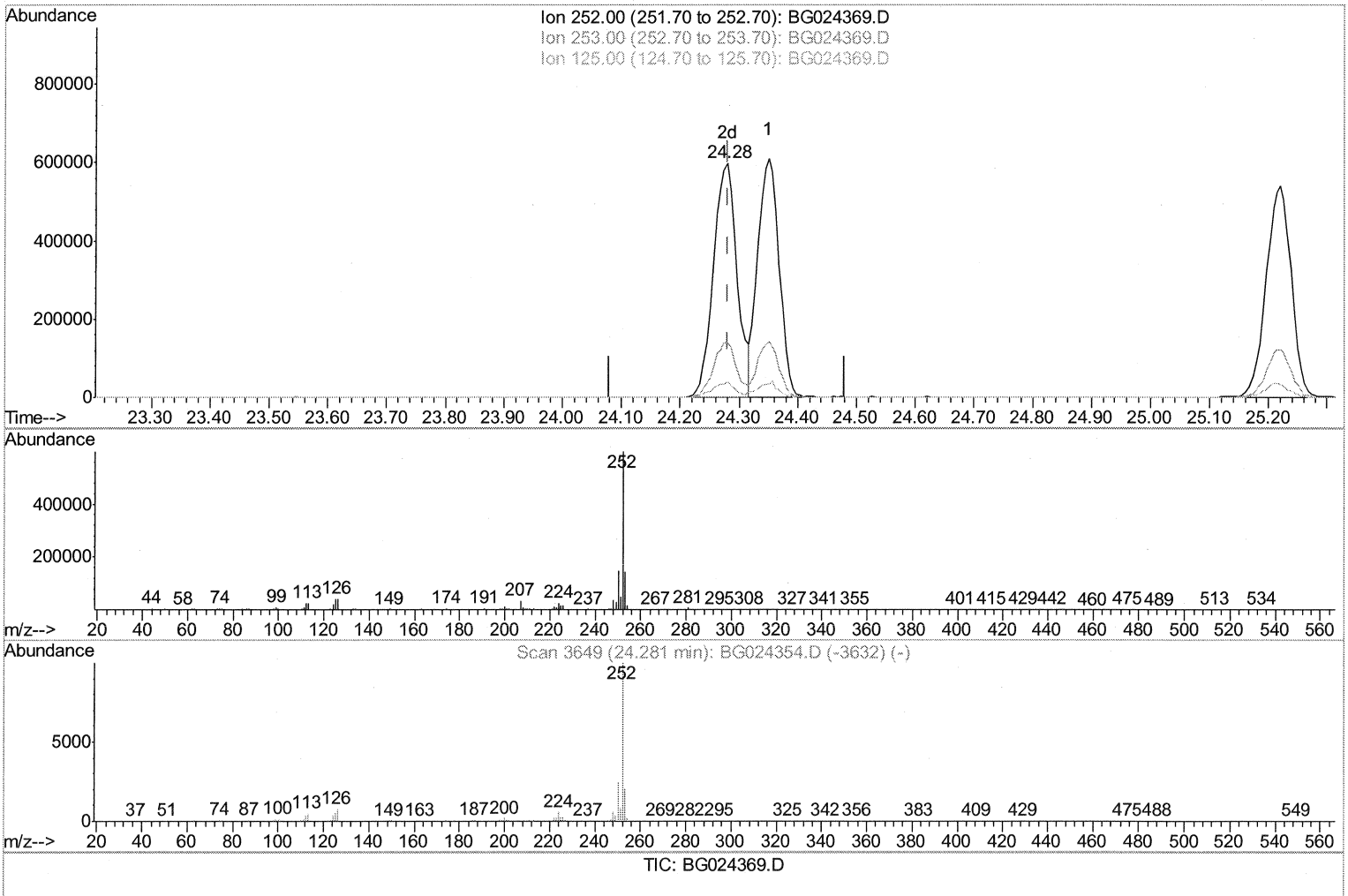

TIC: BG024369.D

(85) Benzo(b)fluoranthene

24.280min (-0.001) 20.13ng/ul m

SJ 10/17/16

response 1674806

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.72
125.00	5.00	6.71#
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	161054	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	723143	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	608180	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1259020	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1416872	20.00	ng/ul	0.00
83) Perylene-d12	25.38	264	1498160	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	25059	7.39	ng/uL	0.00
5) Phenol-d5	7.41	99	286346	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	185328	18.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	205477	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	251326	20.69	ng/ul	0.00
19) Nitrobenzene-d5	9.46	128	113744	22.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.18	143	123381	21.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	257167	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.24	131	306826	23.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	861316	20.28	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	996864	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	155970	20.71	ng/ul	0.00
57) Fluorene-d10	15.88	176	823027	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	174922	23.12	ng/ul	0.00
70) Anthracene-d10	17.74	188	1169499	20.56	ng/ul	0.00
76) Pyrene-d10	20.01	212	1349233	20.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.14	264	1385500	20.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	25317	6.89	ng/uL#	89
4) Benzaldehyde	7.42	77	228403	21.60	ng/ul	94
6) Phenol	7.44	94	301630	19.78	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.69	93	223468	19.90	ng/ul	92
10) 2-Chlorophenol	7.84	128	196995	18.79	ng/ul	95
11) 2-Methylphenol	8.71	108	228290	20.21	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.81	45	404655	18.05	ng/ul#	98
14) Acetophenone	9.11	105	368782	20.44	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.09	70	215538	19.81	ng/ul	95
16) 4-Methylphenol	9.04	108	244619	20.42	ng/ul	90
17) Hexachloroethane	9.37	117	93632	19.30	ng/ul	91
20) Nitrobenzene	9.50	77	320154	19.71	ng/ul	97
21) Isophorone	10.02	82	602418	20.41	ng/ul	98
23) 2-Nitrophenol	10.21	139	132342	21.15	ng/ul#	86
24) 2,4-Dimethylphenol	10.26	107	304790	19.77	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.50	93	319111	19.72	ng/ul	92
27) 2,4-Dichlorophenol	10.74	162	249884	20.84	ng/ul	96
28) Naphthalene	11.17	128	700528	20.12	ng/ul	98
30) 4-Chloroaniline	11.27	127	302677	22.70	ng/ul#	80
31) Hexachlorobutadiene	11.44	225	205747	21.43	ng/ul	95
32) Caprolactam	12.02	113	91092	19.99	ng/ul	92
33) 4-Chloro-3-methylphenol	12.35	107	307744	20.98	ng/ul	99
34) 2-Methylnaphthalene	12.75	142	569564	20.58	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.10	216	389554	21.72	ng/ul#	89
37) Hexachlorocyclopentadiene	13.08	237	251397	19.12	ng/ul	88
38) 2,4,6-Trichlorophenol	13.33	196	241723	20.79	ng/ul	89
39) 2,4,5-Trichlorophenol	13.40	196	259109	20.28	ng/ul	98
40) 1,1'-Biphenyl	13.74	154	779405	19.79	ng/ul	98
41) 2-Chloronaphthalene	13.79	162	617839	20.01	ng/ul	99
42) 2-Nitroaniline	13.99	65	256854	21.86	ng/ul	95
44) Dimethylphthalate	14.34	163	820833	19.71	ng/ul#	99
45) 2,6-Dinitrotoluene	14.47	165	178766	22.13	ng/ul#	89
47) Acenaphthylene	14.63	152	956219	20.43	ng/ul	98
48) 3-Nitroaniline	14.80	138	172827	22.64	ng/ul#	84
49) Acenaphthene	14.96	153	672635	20.10	ng/ul	99
50) 2,4-Dinitrophenol	15.00	184	120682	22.27	ng/ul#	85
52) 4-Nitrophenol	15.08	109	179501	19.68	ng/ul	93
53) Dibenzofuran	15.30	168	1001486	20.34	ng/ul	98
54) 2,4-Dinitrotoluene	15.25	165	264293	22.08	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	15.51	232	264957	21.12	ng/ul#	96
56) Diethylphthalate	15.69	149	861121	19.62	ng/ul	95
58) Fluorene	15.94	166	820962	20.16	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.92	204	446020	19.74	ng/ul	90
60) 4-Nitroaniline	15.96	138	174133	19.81	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.01	198	181221	22.85	ng/ul#	98
64) N-Nitrosodiphenylamine	16.14	169	736801	20.69	ng/ul	98
65) 4-Bromophenyl-phenylether	16.82	248	317695	21.79	ng/ul	90
66) Hexachlorobenzene	16.94	284	346981	21.33	ng/ul	94
67) Atrazine	17.08	200	308938	21.21	ng/ul	98
68) Pentachlorophenol	17.28	266	225195	22.77	ng/ul	92
69) Phenanthrene	17.68	178	1314514	20.68	ng/ul	98
71) Anthracene	17.78	178	1353328	20.92	ng/ul	97
72) Carbazole	18.04	167	1154210	22.73	ng/ul	97
73) Di-n-butylphthalate	18.57	149	1368062	22.03	ng/ul	99
74) Fluoranthene	19.67	202	1554539	24.21	ng/ul	98
77) Pyrene	20.04	202	1542365	20.38	ng/ul	97
78) Butylbenzylphthalate	20.90	149	620072	20.39	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.82	252	618734	23.45	ng/ul#	92
80) Benzo(a)anthracene	21.92	228	1630413	20.74	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.78	149	878616	20.43	ng/ul	100
82) Chrysene	21.99	228	1546449	20.66	ng/ul	98
84) Di-n-octyl phthalate	23.07	149	1480180	21.06	ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1674806m	20.13	ng/ul	
86) Benzo(k)fluoranthene	24.35	252	1551368	19.36	ng/ul	99
88) Benzo(a)pyrene	25.22	252	1612440	20.35	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.33	276	1954884	20.83	ng/ul	99
90) Dibenzo(a,h)anthracene	29.40	278	1665626	20.99	ng/ul	98
91) Benzo(g,h,i)perylene	30.58	276	1596940	20.24	ng/ul	100

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