Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070915\
Data File : BG017804.D
Acq On : 9 Jul 2015 12:33
Operator : TP/UM
Sample : SSTD01039
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 10 04:19:15 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 03:48:26 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01039

Manual Integrations APPROVED
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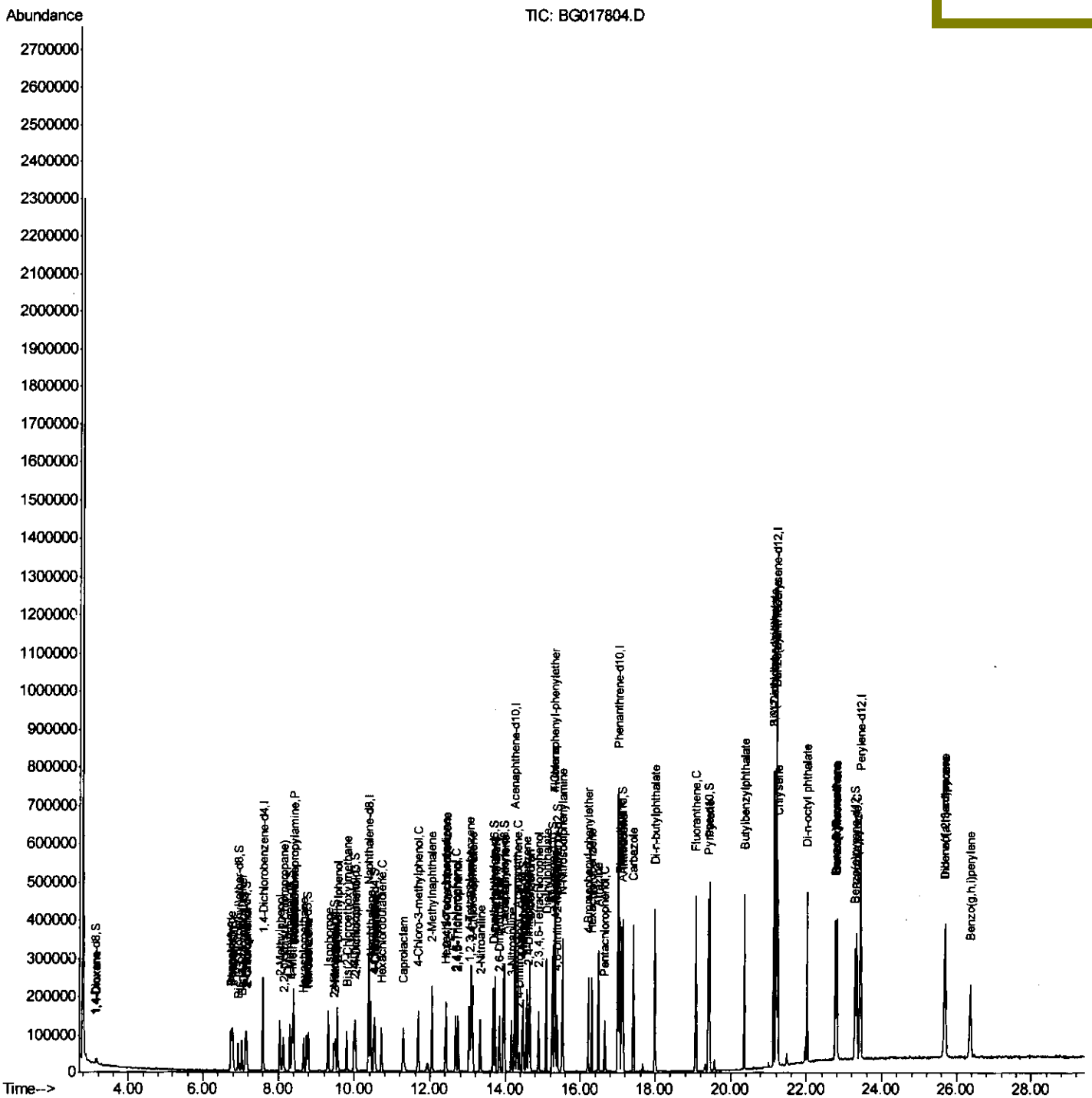
7/10/2015 1:32:54 PM



Quantitation Report (Qedit)

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Quant Time: Jul 10 03:49:42 2015
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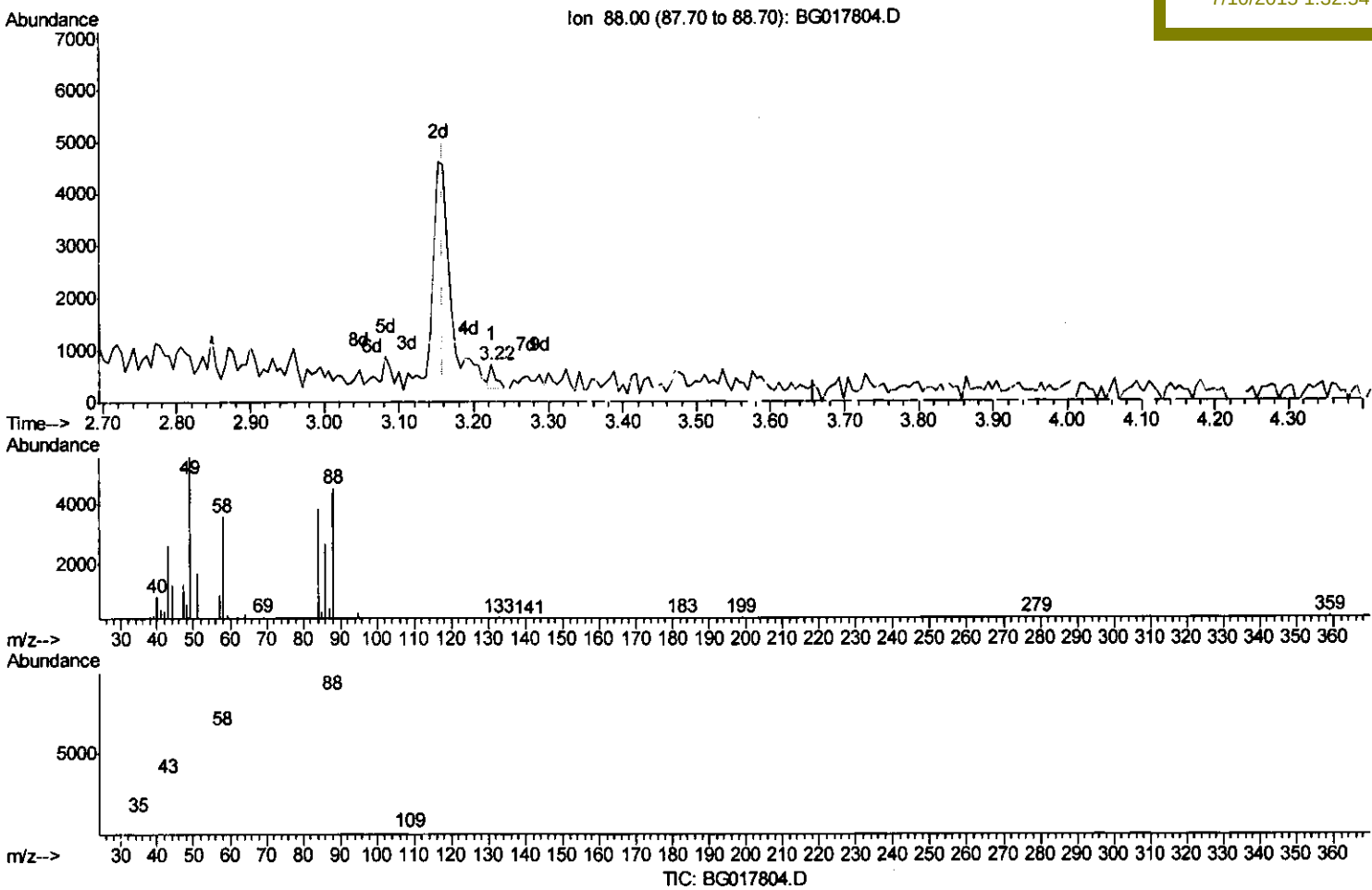

TIC: BG017804.D

(2) 1,4-Dioxane

3.223min (+0.065) 0.19ng/uL

response 277

Ion	Exp%	Act%
88.00	100	100
43.00	38.60	36.46
58.00	76.80	84.84
0.00	0.00	0.00

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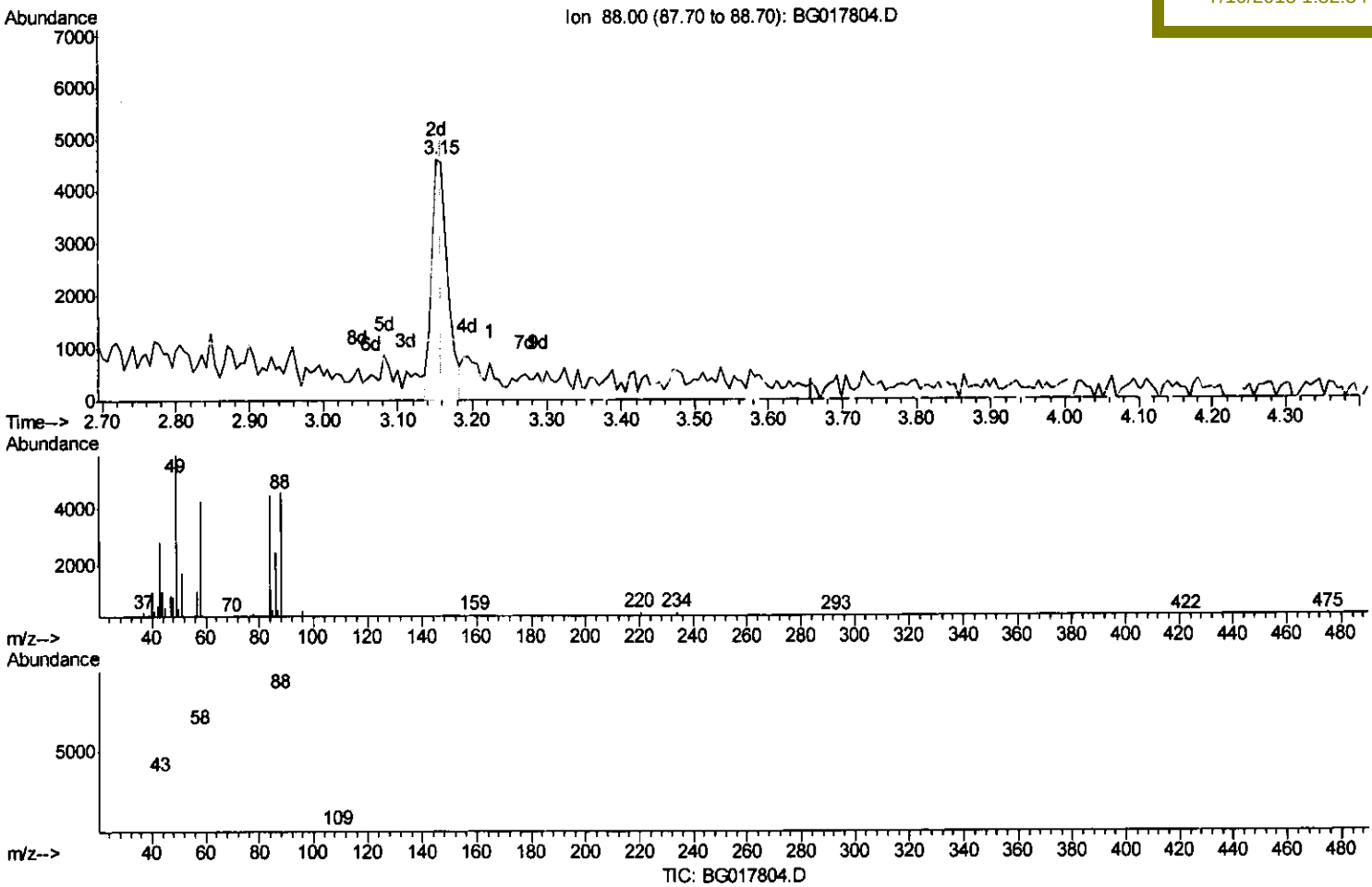

(2) 1,4-Dioxane

3.153min (-0.006) 4.69ng/uL m

response 6813

T. P 7/11/15

Ion	Exp%	Act%
88.00	100	100
43.00	38.60	1.48#
58.00	76.80	3.45#
0.00	0.00	0.00

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7/10/2015 1:32:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	56831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	281375	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	175386	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	388280	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	424197	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	392093	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	5577	3.90	ng/uL	0.00
5) Phenol-d5	6.77	99	51452	10.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	31591	10.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	41651	9.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	43349	10.76	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	22313	10.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	21747	9.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	38687	9.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	61697	11.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	131553	10.88	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	157482	9.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	25968	10.56	ng/ul	0.00
57) Fluorene-d10	15.25	176	119023	9.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	19442	10.12	ng/ul	0.00
70) Anthracene-d10	17.10	188	183864	10.22	ng/ul	0.00
78) Pyrene-d10	19.41	212	201975	9.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	191713	10.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	6813m	4.69	ng/uL	
4) Benzaldehyde	6.74	77	36591	12.04	ng/ul	96
6) Phenol	6.80	94	55962	10.64	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	42782	11.04	ng/ul	93
10) 2-Chlorophenol	7.16	128	42463	10.15	ng/ul	93
11) 2-Methylphenol	8.04	108	42529	10.98	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	63480	10.73	ng/ul	97
14) Acetophenone	8.41	105	66332	11.20	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	41652	11.10	ng/ul	93
16) 4-Methylphenol	8.36	108	48894	11.15	ng/ul	100
17) Hexachloroethane	8.66	117	17860	10.11	ng/ul	94
20) Nitrobenzene	8.79	77	53881	9.90	ng/ul	99
21) Isophorone	9.31	82	109161	10.59	ng/ul	96
23) 2-Nitrophenol	9.49	139	24006	9.99	ng/ul	93
24) 2,4-Dimethylphenol	9.56	107	52400	9.84	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.80	93	58229	10.08	ng/ul	99
27) 2,4-Dichlorophenol	10.03	162	38570	9.46	ng/ul	99
28) Naphthalene	10.43	128	145757	9.91	ng/ul	98
30) 4-Chloroaniline	10.54	127	59041	10.73	ng/ul	89
31) Hexachlorobutadiene	10.71	225	21939	9.39	ng/ul	98
32) Caprolactam	11.28	113	32982	14.92	ng/ul	94
33) 4-Chloro-3-methylphenol	11.67	107	50111	10.04	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	104991	10.02	ng/ul	93

T.P 7/11/15

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7/10/2015 1:32:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	44627	9.67	ng/ul	96
37) Hexachlorocyclopentadiene	12.41	237	22611	9.54	ng/ul	96
38) 2,4,6-Trichlorophenol	12.67	196	29467	9.75	ng/ul#	90
39) 2,4,5-Trichlorophenol	12.74	196	31135	9.36	ng/ul	91
40) 1,1'-Biphenyl	13.08	154	135414	10.26	ng/ul	97
41) 2-Chloronaphthalene	13.12	162	101748	10.08	ng/ul	95
42) 2-Nitroaniline	13.33	65	36069	10.39	ng/ul	95
44) Dimethylphthalate	13.72	163	139591	10.59	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	27882	10.48	ng/ul	89
47) Acenaphthylene	13.97	152	177345	10.22	ng/ul	97
48) 3-Nitroaniline	14.16	138	31007	10.14	ng/ul#	97
49) Acenaphthene	14.32	153	116739	10.03	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	10923	10.09	ng/ul	89
52) 4-Nitrophenol	14.47	109	21733	11.04	ng/ul	90
53) Dibenzofuran	14.65	168	161477	10.26	ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	36660	9.78	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	27982	10.41	ng/ul	92
56) Diethylphthalate	15.09	149	145678	10.21	ng/ul	98
58) Fluorene	15.30	166	141355	10.08	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.31	204	63880	9.79	ng/ul	98
60) 4-Nitroaniline	15.33	138	36014	10.30	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.39	198	19855	9.77	ng/ul#	87
64) N-Nitrosodiphenylamine	15.52	169	117509	9.78	ng/ul	97
65) 4-Bromophenyl-phenylether	16.20	248	36712	9.42	ng/ul	95
66) Hexachlorobenzene	16.31	284	39488	9.53	ng/ul#	89
67) Atrazine	16.48	200	43740	10.58	ng/ul	96
68) Pentachlorophenol	16.66	266	21964	12.72	ng/ul	94
69) Phenanthrene	17.05	178	220228	10.23	ng/ul	99
71) Anthracene	17.14	178	225574	10.16	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	44053	9.51	ng/uL	94
73) Pentachlorobenzene	14.57	250	46050	9.72	ng/uL	96
74) Carbazole	17.41	167	215786	11.60	ng/ul	99
75) Di-n-butylphthalate	17.99	149	278976	10.87	ng/ul	99
76) Fluoranthene	19.08	202	248588	11.87	ng/ul	97
79) Pyrene	19.44	202	265299	10.12	ng/ul	98
80) Butylbenzylphthalate	20.36	149	121525	10.09	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	71907	9.61	ng/ul	97
82) Benzo(a)anthracene	21.19	228	245608	10.38	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.14	149	164046	9.81	ng/ul	100
84) Chrysene	21.24	228	227287	10.16	ng/ul	98
86) Di-n-octyl phthalate	22.01	149	273785	11.47	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	224065	9.88	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	207714	9.62	ng/ul	99
90) Benzo(a)pyrene	23.33	252	211803	9.77	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.68	276	236070	9.96	ng/ul	98
92) Dibenzo(a,h)anthracene	25.70	278	203946	10.10	ng/ul	96
93) Benzo(g,h,i)perylene	26.37	276	197966	9.96	ng/ul	91

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