Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
Data File : BG019002.D
Acq On : 4 Oct 2015 13:23
Operator : UM/NP
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 01:01:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 05 00:45:11 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
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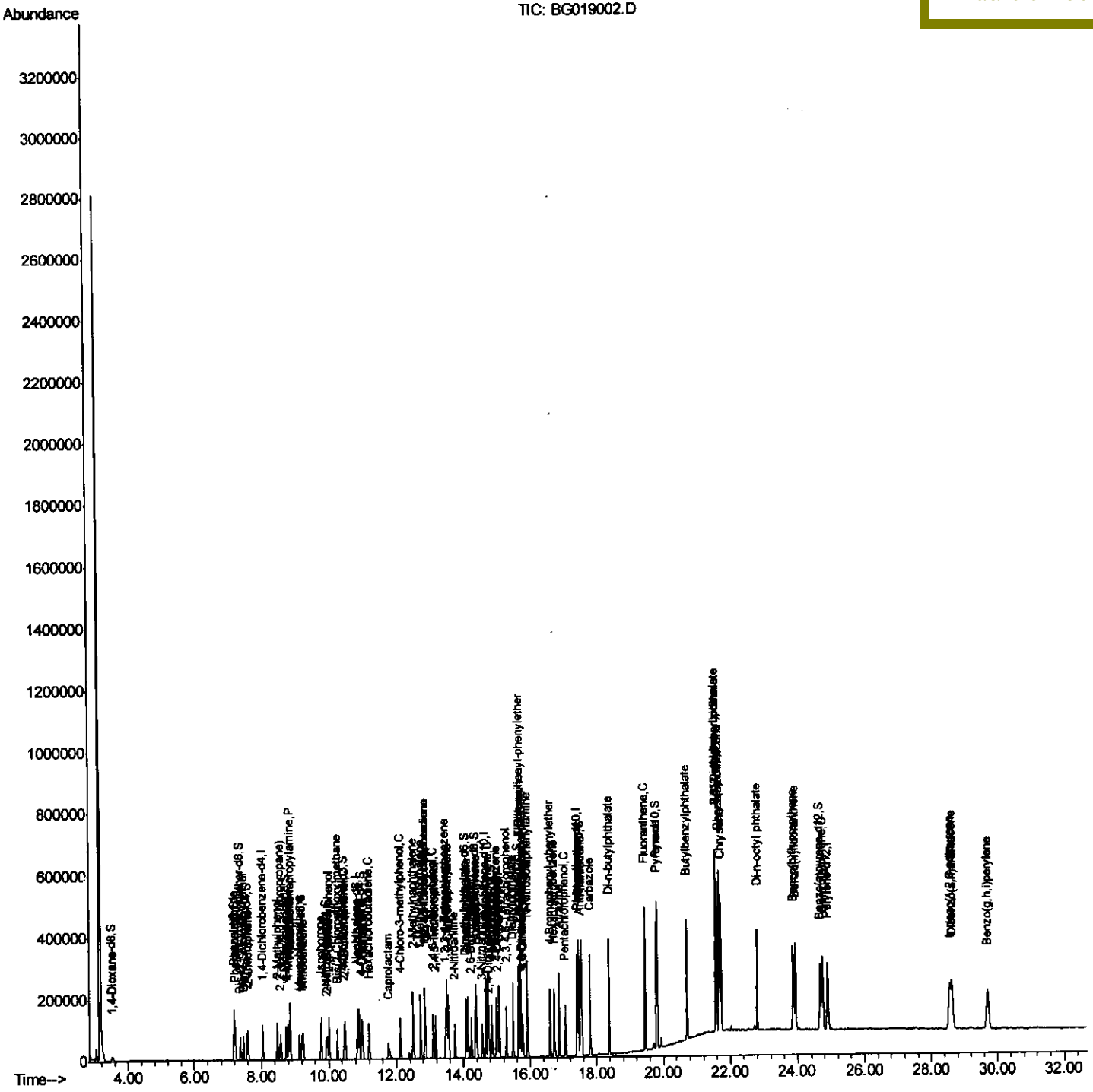
TIC: BG019002.D



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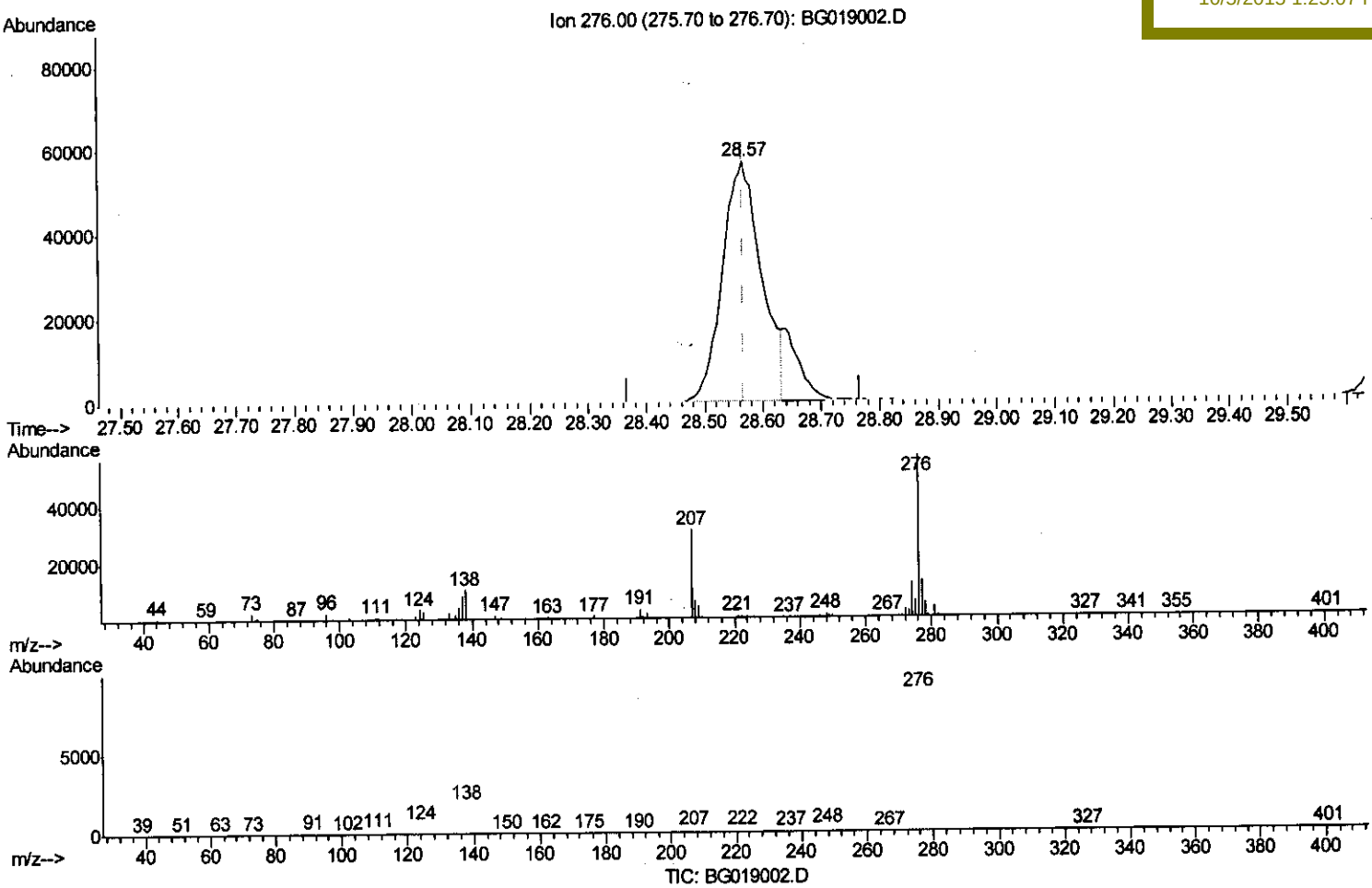

(92) Indeno(1,2,3-cd)pyrene

28.567min (0.000) 17.67ng/ul

response 263324

Ion	Exp%	Act%
276.00	100	100
138.00	18.60	18.60
277.00	22.50	22.54
0.00	0.00	0.00

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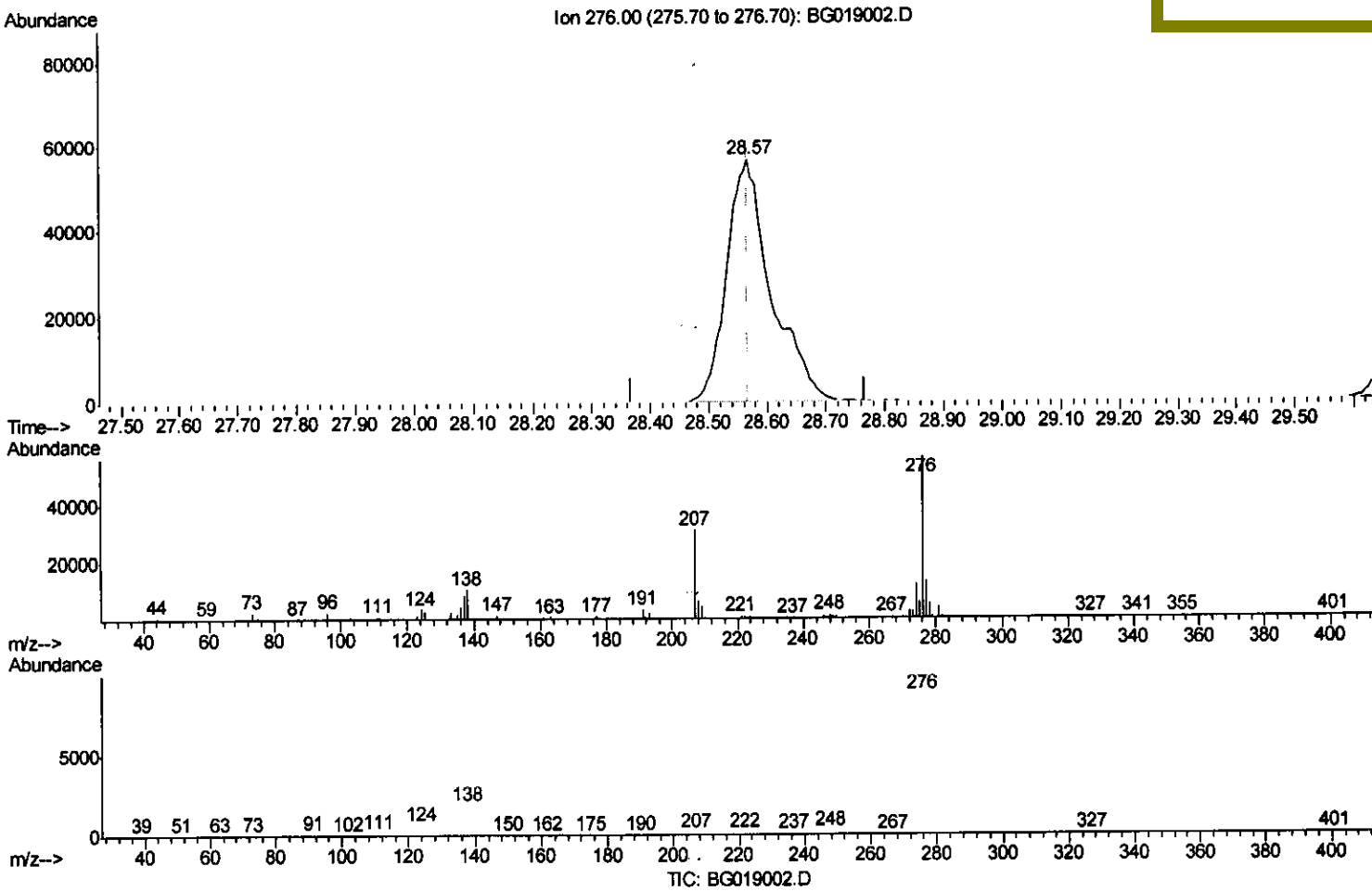

(92) Indeno(1,2,3-cd)pyrene

28.567min (0.000) 19.85ng/ul m U,M 10/6/15

response 295863

Ion	Exp%	Act%
276.00	100	100
138.00	18.60	18.60
277.00	22.50	22.54
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	8.05	152	31964	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	136209	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	85165	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	202442	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	241487	20.00	ng/ul	0.00
86) Perylene-d12	24.90	264	231308	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	5414	8.58	ng/uL	0.00
5) Phenol-d5	7.20	99	53272	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	34880	19.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	40360	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	42245	19.71	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	19823	19.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	20068	19.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	41912	19.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	54790	21.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	131359	20.08	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	161614	20.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	25981	19.90	ng/ul	0.00
58) Fluorene-d10	15.66	176	118712	20.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	19744	19.55	ng/ul	0.00
71) Anthracene-d10	17.52	188	190478	20.60	ng/ul	0.00
79) Pyrene-d10	19.80	212	225653	20.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	232466	19.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	6359	9.10	ng/uL	100
4) Benzaldehyde	7.19	77	34411	20.92	ng/ul	100
6) Phenol	7.23	94	55510	19.94	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.47	93	42412	20.00	ng/ul	100
10) 2-Chlorophenol	7.61	128	42067	19.77	ng/ul	100
11) 2-Methylphenol	8.48	108	42145	19.70	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.58	45	83089	19.96	ng/ul	100
14) Acetophenone	8.87	105	68107	20.24	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.86	70	36552	20.38	ng/ul	100
16) 4-Methylphenol	8.81	108	47149	20.01	ng/ul	100
17) Hexachloroethane	9.14	117	16769	19.84	ng/ul	100
20) Nitrobenzene	9.25	77	49999	19.84	ng/ul	100
21) Isophorone	9.78	82	98843	19.99	ng/ul	100
23) 2-Nitrophenol	9.96	139	22047	19.62	ng/ul	100
24) 2,4-Dimethylphenol	10.01	107	51820	20.35	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.25	93	58412	20.02	ng/ul	100
27) 2,4-Dichlorophenol	10.49	162	42831	20.05	ng/ul	100
28) Naphthalene	10.91	128	138272	20.06	ng/ul	100
30) 4-Chloroaniline	11.01	127	58210	22.03	ng/ul	100
31) Hexachlorobutadiene	11.19	225	27088	19.85	ng/ul	100
32) Caprolactam	11.77	113	14104	19.78	ng/ul	100
33) 4-Chloro-3-methylphenol	12.12	107	47727	20.25	ng/ul	100
34) 2-Methylnaphthalene	12.50	142	104360	20.17	ng/ul	100

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	103040	20.31	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	54851	20.25	ng/ul	100
38) Hexachlorocyclopentadiene	12.86	237	34297	19.59	ng/ul	100
39) 2,4,6-Trichlorophenol	13.10	196	34479	19.45	ng/ul	100
40) 2,4,5-Trichlorophenol	13.17	196	37367	19.73	ng/ul	100
41) 1,1'-Biphenyl	13.51	154	136731	20.26	ng/ul	100
42) 2-Chloronaphthalene	13.55	162	104962	20.01	ng/ul	100
43) 2-Nitroaniline	13.74	65	33743	19.44	ng/ul	100
45) Dimethylphthalate	14.13	163	133695	20.13	ng/ul	100
46) 2,6-Dinitrotoluene	14.24	165	25691	19.62	ng/ul	100
48) Acenaphthylene	14.40	152	173922	20.30	ng/ul	100
49) 3-Nitroaniline	14.57	138	25721	20.27	ng/ul	100
50) Acenaphthene	14.74	153	118178	20.07	ng/ul	100
51) 2,4-Dinitrophenol	14.77	184	12473	18.34	ng/ul	100
53) 4-Nitrophenol	14.85	109	20489	20.11	ng/ul	100
54) Dibenzofuran	15.07	168	160626	20.23	ng/ul	100
55) 2,4-Dinitrotoluene	15.02	165	38497	20.22	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.29	232	35147	19.98	ng/ul	100
57) Diethylphthalate	15.49	149	134399	20.10	ng/ul	100
59) Fluorene	15.72	166	135653	20.38	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.71	204	66527	20.12	ng/ul	100
61) 4-Nitroaniline	15.72	138	29238	20.31	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.78	198	21436	20.20	ng/ul	100
65) N-Nitrosodiphenylamine	15.92	169	115067	20.05	ng/ul	100
66) 4-Bromophenyl-phenylether	16.60	248	43376	19.91	ng/ul	100
67) Hexachlorobenzene	16.72	284	48920	19.88	ng/ul	100
68) Atrazine	16.87	200	49670	20.51	ng/ul	100
69) Pentachlorophenol	17.06	266	29908	19.69	ng/ul	100
70) Phenanthrene	17.46	178	225496	20.48	ng/ul	100
72) Anthracene	17.54	178	228003	20.67	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	53776	19.86	ng/uL	100
74) Pentachlorobenzene	14.99	250	52053	19.79	ng/uL	100
75) Carbazole	17.81	167	204559	20.45	ng/ul	100
76) Di-n-butylphthalate	18.38	149	252521	20.81	ng/ul	100
77) Fluoranthene	19.46	202	280324	20.84	ng/ul	100
80) Pyrene	19.82	202	292650	20.75	ng/ul	100
81) Butylbenzylphthalate	20.71	149	108882	19.99	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.58	252	92404	20.66	ng/ul	100
83) Benzo(a)anthracene	21.66	228	277815	20.39	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	158329	19.97	ng/ul	100
85) Chrysene	21.72	228	260887	20.42	ng/ul	100
87) Di-n-octyl phthalate	22.80	149	267085	20.24	ng/ul	100
88) Benzo(b)fluoranthene	23.87	252	266793	20.02	ng/ul	100
89) Benzo(k)fluoranthene	23.94	252	260289	20.19	ng/ul	100
91) Benzo(a)pyrene	24.75	252	255061	19.88	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.57	276	295863m	19.85	ng/ul	
93) Dibenzo(a,h)anthracene	28.64	278	254937	19.94	ng/ul	100
94) Benzo(g,h,i)perylene	29.70	276	245359	19.75	ng/ul	100

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

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