Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG111615\
Data File : BG019641.D
Acq On : 16 Nov 2015 19:17
Operator : UM/NP
Sample : SSTD02023
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 17 00:47:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 00:05:14 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02023

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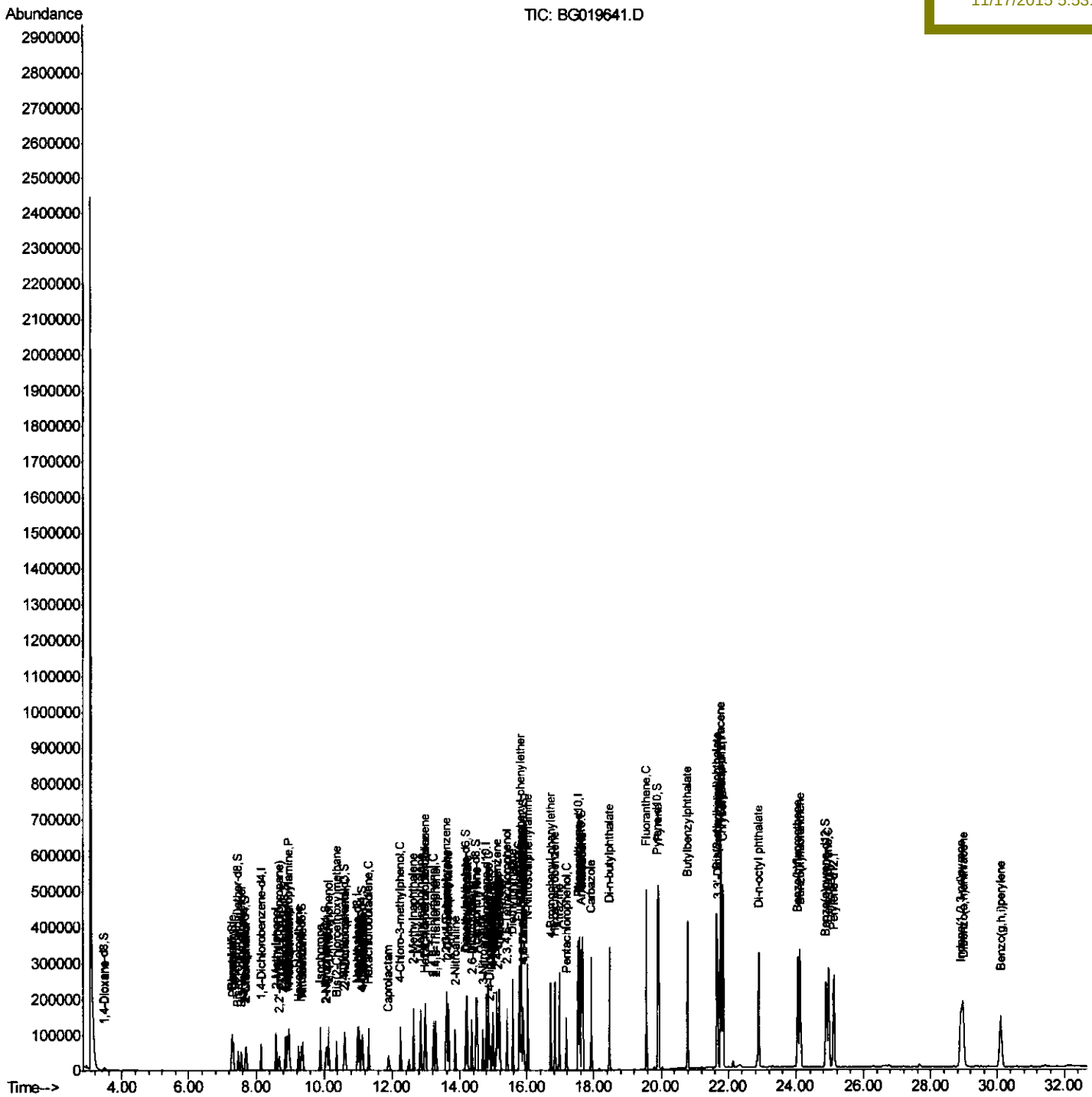

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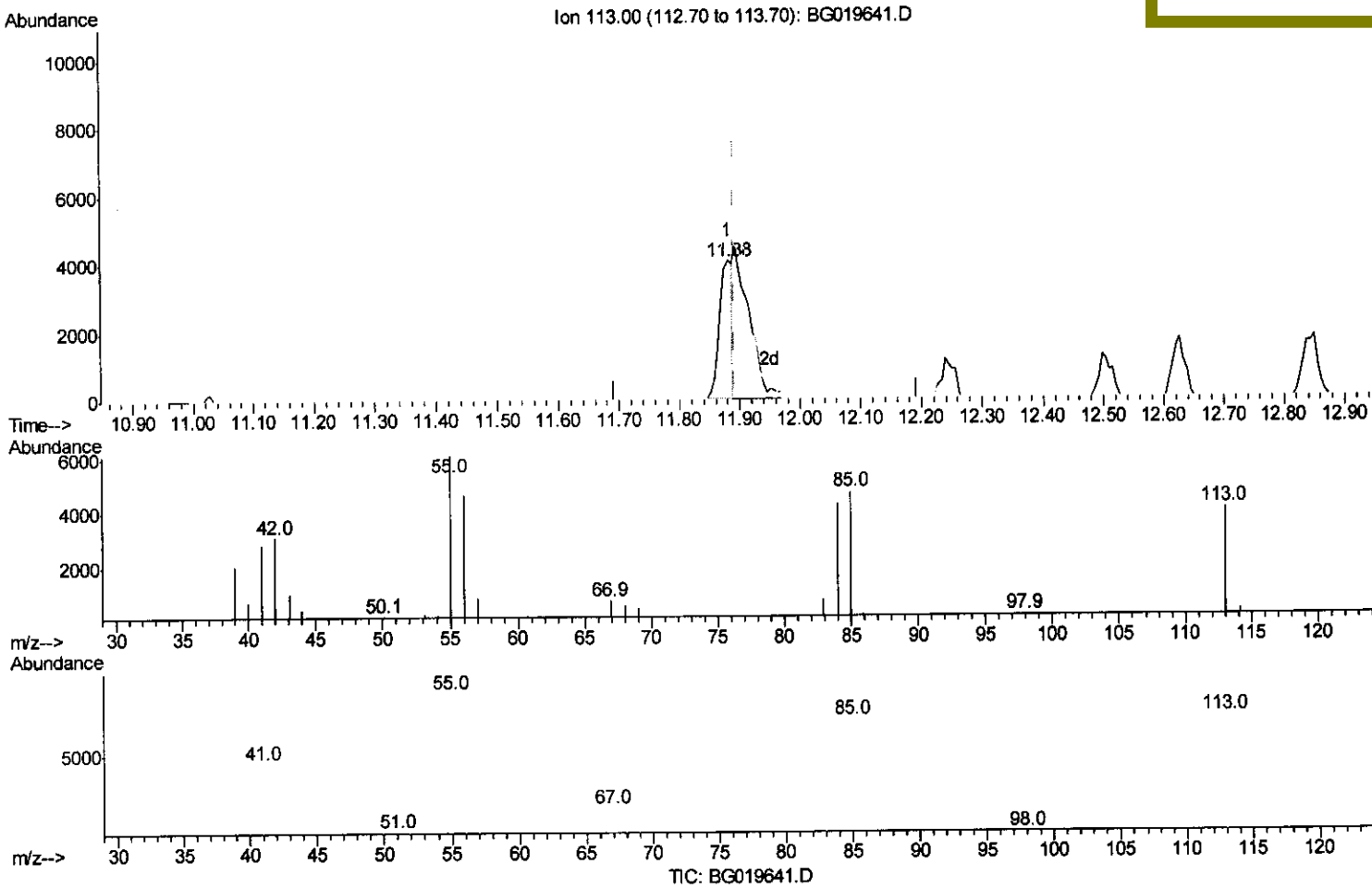

(32) Caprolactam

11.880min (-0.012) 9.38ng/ul

response 5866

Ion	Exp%	Act%
113.00	100	100
55.00	139.20	149.95
56.00	98.80	113.79
0.00	0.00	0.00

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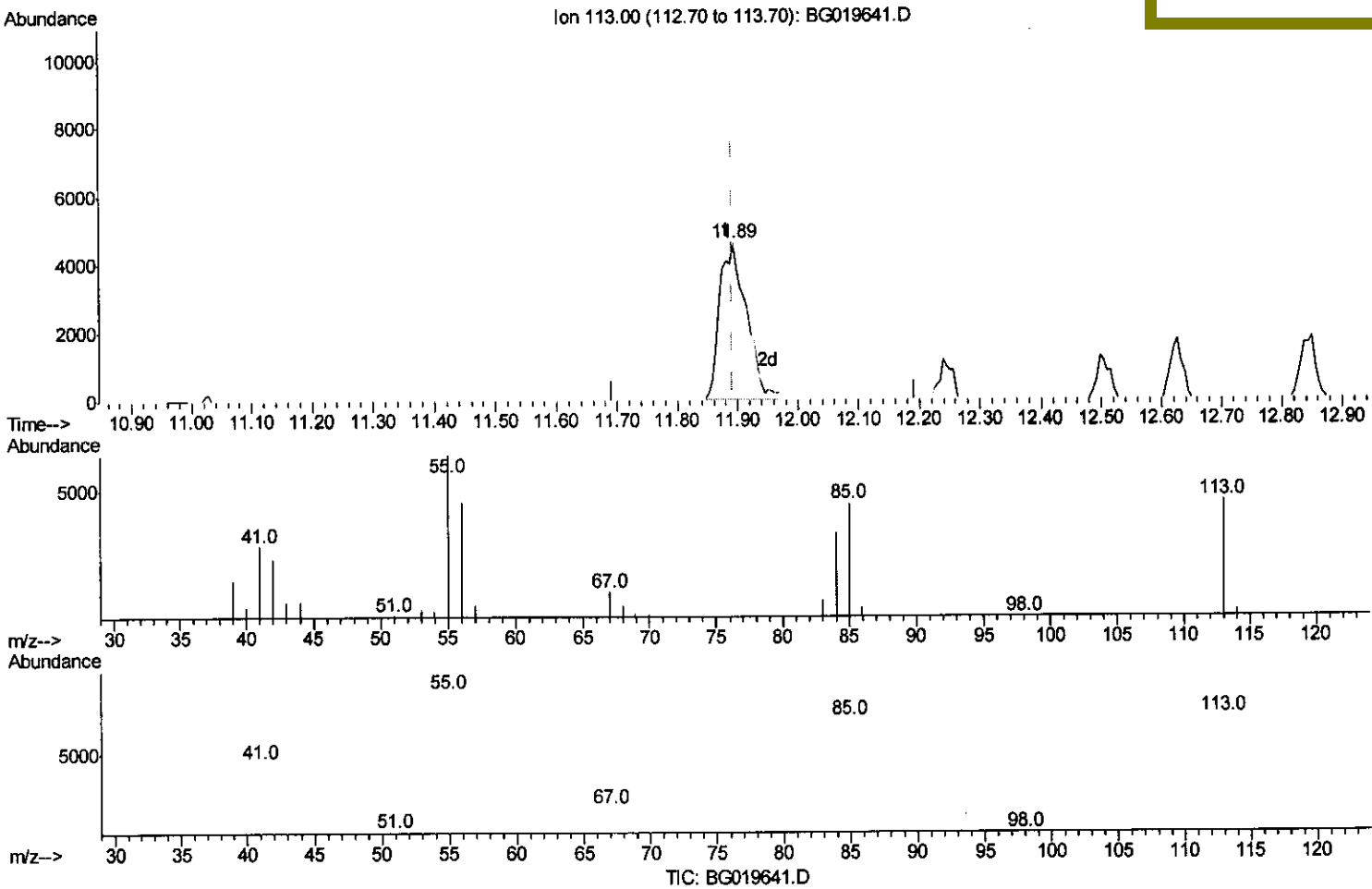

(32) Caprolactam

11.892min (0.000) 22.73ng/ul m U.M 11/18/15

response 14219

Ion	Exp%	Act%
113.00	100	100
55.00	139.20	139.24
56.00	98.80	98.82
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	8.16	152	21695	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	93248	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	75616	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	220113	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	297071	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	284897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	3670	7.87	ng/uL	0.00
5) Phenol-d5	7.30	99	41535	20.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	28710	22.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	26838	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	34942	21.52	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	14412	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	17507	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	35233	19.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	37968	21.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	132755	21.02	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	143752	20.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	21356	21.28	ng/ul	0.00
58) Fluorene-d10	15.77	176	118664	20.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	27327	19.28	ng/ul	0.00
71) Anthracene-d10	17.62	188	206688	20.44	ng/ul	0.00
79) Pyrene-d10	19.89	212	258131	19.89	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	288591	20.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	3606	6.91	ng/uL	100
4) Benzaldehyde	7.27	77	36147	26.62	ng/ul	100
6) Phenol	7.32	94	44835	20.81	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.56	93	33043	22.03	ng/ul	100
10) 2-Chlorophenol	7.71	128	25655	19.91	ng/ul	100
11) 2-Methylphenol	8.59	108	34035	21.15	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.68	45	28898	23.42	ng/ul	100
14) Acetophenone	8.98	105	58398	21.52	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.95	70	38009	21.13	ng/ul	100
16) 4-Methylphenol	8.92	108	37373	21.35	ng/ul	100
17) Hexachloroethane	9.25	117	12328	18.27	ng/ul	100
20) Nitrobenzene	9.37	77	52804	19.69	ng/ul	100
21) Isophorone	9.88	82	100440	20.42	ng/ul	100
23) 2-Nitrophenol	10.09	139	17401	18.93	ng/ul	100
24) 2,4-Dimethylphenol	10.14	107	46640	19.37	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.37	93	50107	21.36	ng/ul	100
27) 2,4-Dichlorophenol	10.62	162	33553	20.03	ng/ul	100
28) Naphthalene	11.03	128	95594	20.36	ng/ul	100
30) 4-Chloroaniline	11.13	127	39782	21.49	ng/ul	100
31) Hexachlorobutadiene	11.31	225	30786	18.27	ng/ul	100
32) Caprolactam	11.89	113	14219m	22.73	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	46555	20.47	ng/ul	100
34) 2-Methylnaphthalene	12.63	142	78494	20.73	ng/ul	100

UM 11/18/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	75013	20.98	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.98	216	58784	19.10	ng/ul	100
38) Hexachlorocyclopentadiene	12.97	237	33556	15.36	ng/ul	100
39) 2,4,6-Trichlorophenol	13.22	196	35577	19.47	ng/ul	100
40) 2,4,5-Trichlorophenol	13.30	196	37041	18.54	ng/ul	100
41) 1,1'-Biphenyl	13.62	154	108271	20.29	ng/ul	100
42) 2-Chloronaphthalene	13.67	162	85505	20.40	ng/ul	100
43) 2-Nitroaniline	13.87	65	36451	20.43	ng/ul	100
45) Dimethylphthalate	14.23	163	133185	20.65	ng/ul	100
46) 2,6-Dinitrotoluene	14.35	165	25939	20.07	ng/ul	100
48) Acenaphthylene	14.51	152	145229	20.40	ng/ul	100
49) 3-Nitroaniline	14.68	138	24974	22.14	ng/ul	100
50) Acenaphthene	14.85	153	98244	20.44	ng/ul	100
51) 2,4-Dinitrophenol	14.89	184	16518	17.38	ng/ul	100
53) 4-Nitrophenol	14.99	109	26581	17.77	ng/ul	100
54) Dibenzofuran	15.18	168	142133	20.19	ng/ul	100
55) 2,4-Dinitrotoluene	15.14	165	41769	20.34	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.41	232	40623	19.41	ng/ul	100
57) Diethylphthalate	15.58	149	131500	20.68	ng/ul	100
59) Fluorene	15.83	166	123793	20.14	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.82	204	71964	19.78	ng/ul	100
61) 4-Nitroaniline	15.84	138	29521	22.53	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.90	198	29867	19.45	ng/ul	100
65) N-Nitrosodiphenylamine	16.03	169	113888	20.01	ng/ul	100
66) 4-Bromophenyl-phenylether	16.70	248	51237	19.71	ng/ul	100
67) Hexachlorobenzene	16.83	284	53953	19.57	ng/ul	100
68) Atrazine	16.96	200	54931	19.61	ng/ul	100
69) Pentachlorophenol	17.17	266	28982	17.93	ng/ul	100
70) Phenanthrene	17.57	178	225672	20.25	ng/ul	100
72) Anthracene	17.66	178	230062	20.23	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	58266	18.69	ng/uL	100
74) Pentachlorobenzene	15.10	250	61237	19.28	ng/uL	100
75) Carbazole	17.93	167	197706	21.65	ng/ul	100
76) Di-n-butylphthalate	18.47	149	243435	21.32	ng/ul	100
77) Fluoranthene	19.57	202	319700	22.00	ng/ul	100
80) Pyrene	19.92	202	334561	20.06	ng/ul	100
81) Butylbenzylphthalate	20.79	149	113376	20.71	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.68	252	118617	20.59	ng/ul	100
83) Benzo(a)anthracene	21.77	228	353815	20.34	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	165076	21.08	ng/ul	100
85) Chrysene	21.84	228	327603	20.11	ng/ul	100
87) Di-n-octyl phthalate	22.90	149	283843	21.69	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	344127	20.34	ng/ul	100
89) Benzo(k)fluoranthene	24.12	252	326086	20.09	ng/ul	100
91) Benzo(a)pyrene	24.96	252	325696	20.09	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.91	276	363794	19.94	ng/ul	100
93) Dibenzo(a,h)anthracene	28.98	278	305308	19.99	ng/ul	100
94) Benzo(g,h,i)perylene	30.10	276	304608	21.91	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