Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072715\
Data File : BG018164.D
Acq On : 29 Jul 2015 1:38
Operator : TP/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 05:31:49 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 01:54:27 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02039

Manual Integrations APPROVED
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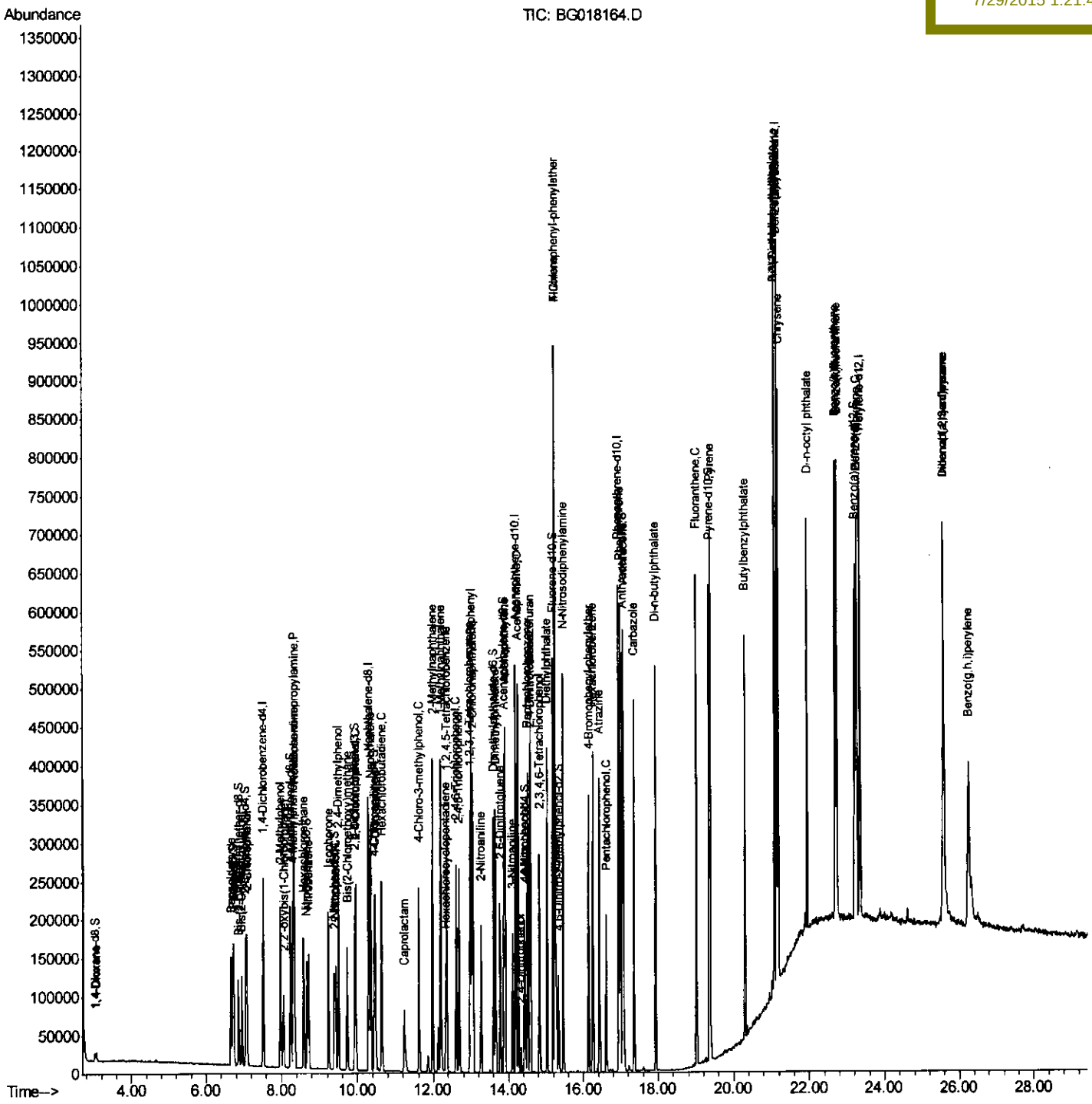

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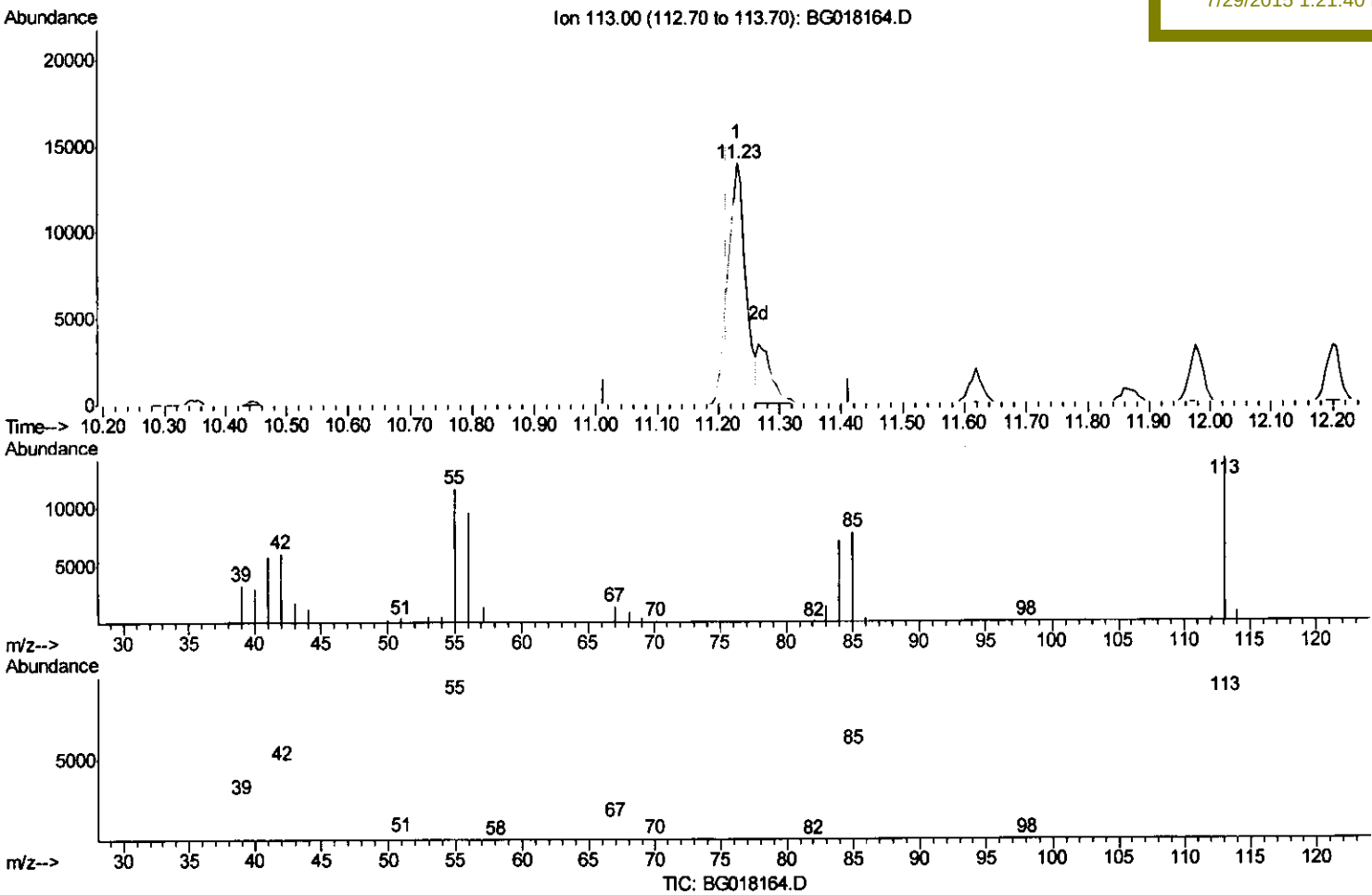

TIC: BG018164.D

(32) Caprolactam

11.230min (+0.017) 13.16ng/ul

response 27890

Ion	Exp%	Act%
113.00	100	100
55.00	87.20	82.74
56.00	72.90	68.32
0.00	0.00	0.00

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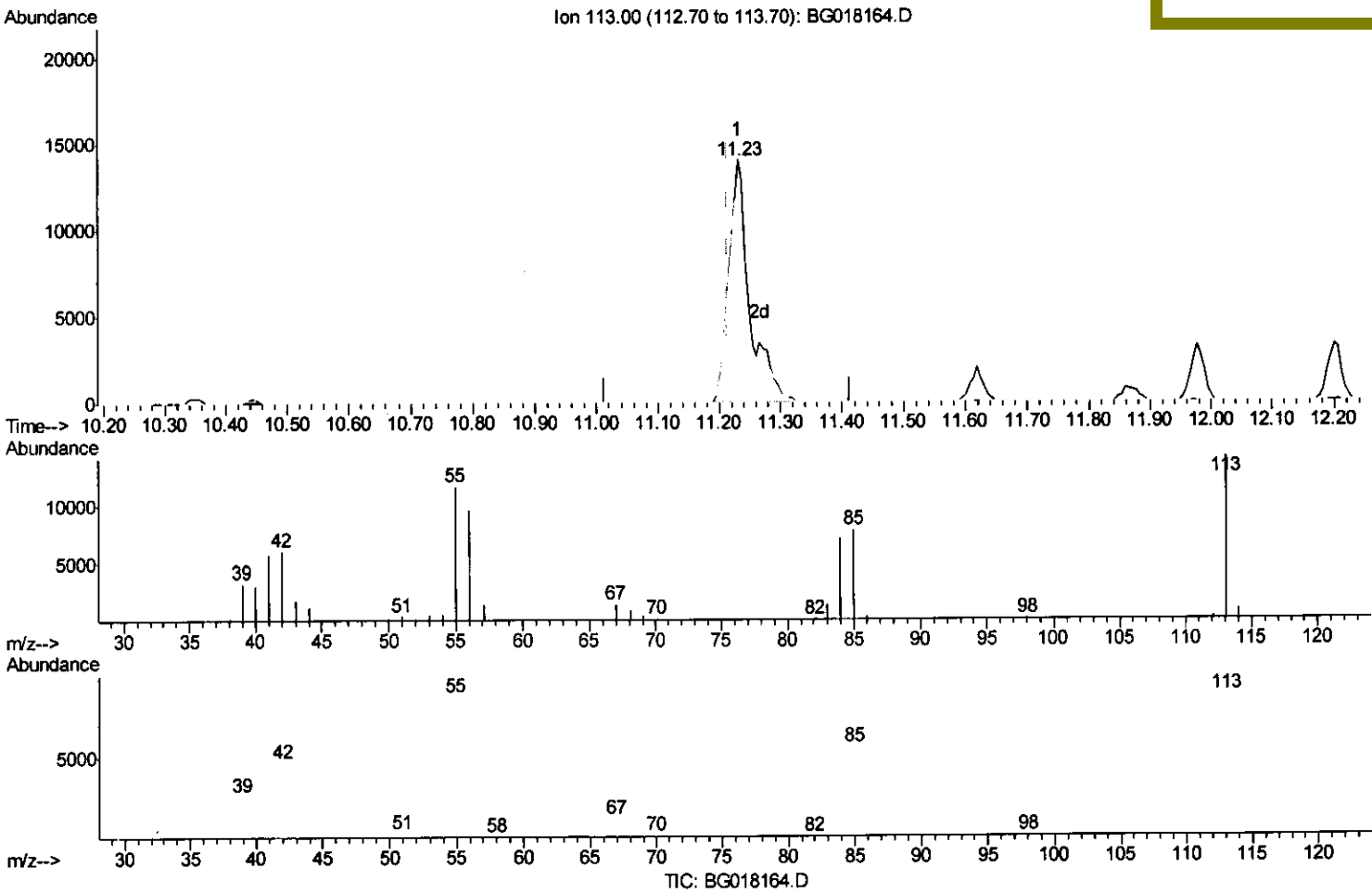

(32) Caprolactam

11.230min (+0.017) 15.68ng/ul m T.P 7/30/15

response 33240

Ion	Exp%	Act%
113.00	100	100
55.00	87.20	82.74
56.00	72.90	68.32
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	7.52	152	70364	20.00	ng/ul	0.01
18) Naphthalene-d8	10.30	136	316460	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	190556	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.95	188	380567	20.00	ng/ul	0.01
78) Chrysene-d12	21.15	240	386847	20.00	ng/ul	0.01
86) Perylene-d12	23.35	264	398854	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	6547	5.82	ng/uL	0.00
5) Phenol-d5	6.71	99	89524	16.49	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	41925	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	89171	18.53	ng/ul	0.01
13) 4-Methylphenol-d8	8.24	113	80921	16.81	ng/ul	0.01
19) Nitrobenzene-d5	8.67	128	46140	18.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	51853	19.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.93	165	92633	20.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.44	131	116636	21.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	240707	17.99	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	317446	19.31	ng/ul	0.01
52) 4-Nitrophenol-d4	14.42	143	42999	15.28	ng/ul	0.02
58) Fluorene-d10	15.19	176	224903	18.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	24736	10.17	ng/ul	0.02
71) Anthracene-d10	17.05	188	317634	19.27	ng/ul	0.01
79) Pyrene-d10	19.36	212	324469	18.31	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.21	264	359835	18.91	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.05	88	7075	5.86	ng/uL#	86
4) Benzaldehyde	6.67	77	45952	16.47	ng/ul	96
6) Phenol	6.74	94	90634	16.35	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.95	93	67349	16.29	ng/ul	95
10) 2-Chlorophenol	7.08	128	87072	18.27	ng/ul	96
11) 2-Methylphenol	7.98	108	75484	16.49	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.06	45	61402	14.03	ng/ul#	95
14) Acetophenone	8.34	105	110881	16.34	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.33	70	52996	14.71	ng/ul	94
16) 4-Methylphenol	8.30	108	83777	16.54	ng/ul	92
17) Hexachloroethane	8.58	117	34730	18.93	ng/ul	90
20) Nitrobenzene	8.72	77	79526	17.28	ng/ul	94
21) Isophorone	9.24	82	155237	16.18	ng/ul	97
23) 2-Nitrophenol	9.42	139	54494	19.16	ng/ul#	89
24) 2,4-Dimethylphenol	9.50	107	90036	18.00	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.73	93	89696	16.61	ng/ul	98
27) 2,4-Dichlorophenol	9.96	162	88293	19.85	ng/ul	97
28) Naphthalene	10.35	128	278993	18.82	ng/ul	98
30) 4-Chloroaniline	10.47	127	117346	21.29	ng/ul	94
31) Hexachlorobutadiene	10.64	225	57338	21.99	ng/ul	99
32) Caprolactam	11.23	113	33240m	15.68	ng/ul	
33) 4-Chloro-3-methylphenol	11.62	107	83714	17.26	ng/ul	93
34) 2-Methylnaphthalene	11.98	142	208586	18.63	ng/ul	98

T.P 7/30/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	200759	18.37	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	108244	22.10	ng/ul	99
38) Hexachlorocyclopentadiene	12.33	237	28667	9.99	ng/ul	91
39) 2,4,6-Trichlorophenol	12.61	196	71864	21.87	ng/ul	98
40) 2,4,5-Trichlorophenol	12.68	196	75203	21.03	ng/ul	99
41) 1,1'-Biphenyl	13.01	154	257052	19.70	ng/ul	99
42) 2-Chloronaphthalene	13.05	162	206395	20.09	ng/ul	99
43) 2-Nitroaniline	13.27	65	44792	16.60	ng/ul	87
45) Dimethylphthalate	13.66	163	240003	17.83	ng/ul	98
46) 2,6-Dinitrotoluene	13.77	165	58482	18.94	ng/ul	98
48) Acenaphthylene	13.90	152	329031	19.06	ng/ul	99
49) 3-Nitroaniline	14.10	138	57687	20.84	ng/ul	89
50) Acenaphthene	14.25	153	213805	18.92	ng/ul	98
51) 2,4-Dinitrophenol	14.32	184	11648	7.26	ng/ul	87
53) 4-Nitrophenol	14.44	109	26927	14.54	ng/ul	97
54) Dibenzofuran	14.59	168	301492	18.77	ng/ul	93
55) 2,4-Dinitrotoluene	14.57	165	77319	17.43	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.83	232	61383	19.24	ng/ul#	96
57) Diethylphthalate	15.03	149	234539	16.68	ng/ul	99
59) Fluorene	15.24	166	252577	18.27	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.24	204	128482	18.55	ng/ul	96
61) 4-Nitroaniline	15.28	138	63694	18.58	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.34	198	25479	9.95	ng/ul#	92
65) N-Nitrosodiphenylamine	15.46	169	210105	20.26	ng/ul	98
66) 4-Bromophenyl-phenylether	16.14	248	81105	21.67	ng/ul	92
67) Hexachlorobenzene	16.25	284	89977	21.46	ng/ul	94
68) Atrazine	16.42	200	77531	19.33	ng/ul	96
69) Pentachlorophenol	16.61	266	43320	19.04	ng/ul	88
70) Phenanthrene	16.99	178	369271	19.31	ng/ul	99
72) Anthracene	17.08	178	368941	19.00	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	106843	24.96	ng/uL	96
74) Pentachlorobenzene	14.51	250	105612	23.45	ng/uL	98
75) Carbazole	17.36	167	316970	18.84	ng/ul	99
76) Di-n-butylphthalate	17.93	149	391434	17.68	ng/ul	99
77) Fluoranthene	19.02	202	393990	19.34	ng/ul#	94
80) Pyrene	19.39	202	406249	18.34	ng/ul	95
81) Butylbenzylphthalate	20.30	149	167180	18.45	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.08	252	126775	20.66	ng/ul	99
83) Benzo(a)anthracene	21.14	228	391451	19.13	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	238127	18.33	ng/ul	99
85) Chrysene	21.19	228	366336	19.01	ng/ul	97
87) Di-n-octyl phthalate	21.95	149	395895	18.53	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	403691	18.47	ng/ul	98
89) Benzo(k)fluoranthene	22.73	252	393370	18.60	ng/ul	98
91) Benzo(a)pyrene	23.26	252	391614	18.50	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.58	276	433668	17.76	ng/ul	93
93) Dibenzo(a,h)anthracene	25.58	278	380273	18.24	ng/ul	96
94) Benzo(g,h,i)perylene	26.25	276	319116	15.82	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