Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG091015\
Data File : BG018602.D
Acq On : 10 Sep 2015 14:12
Operator : UM/IZ
Sample : SSTD08089
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 10 15:00:19 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 10 13:29:57 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08089

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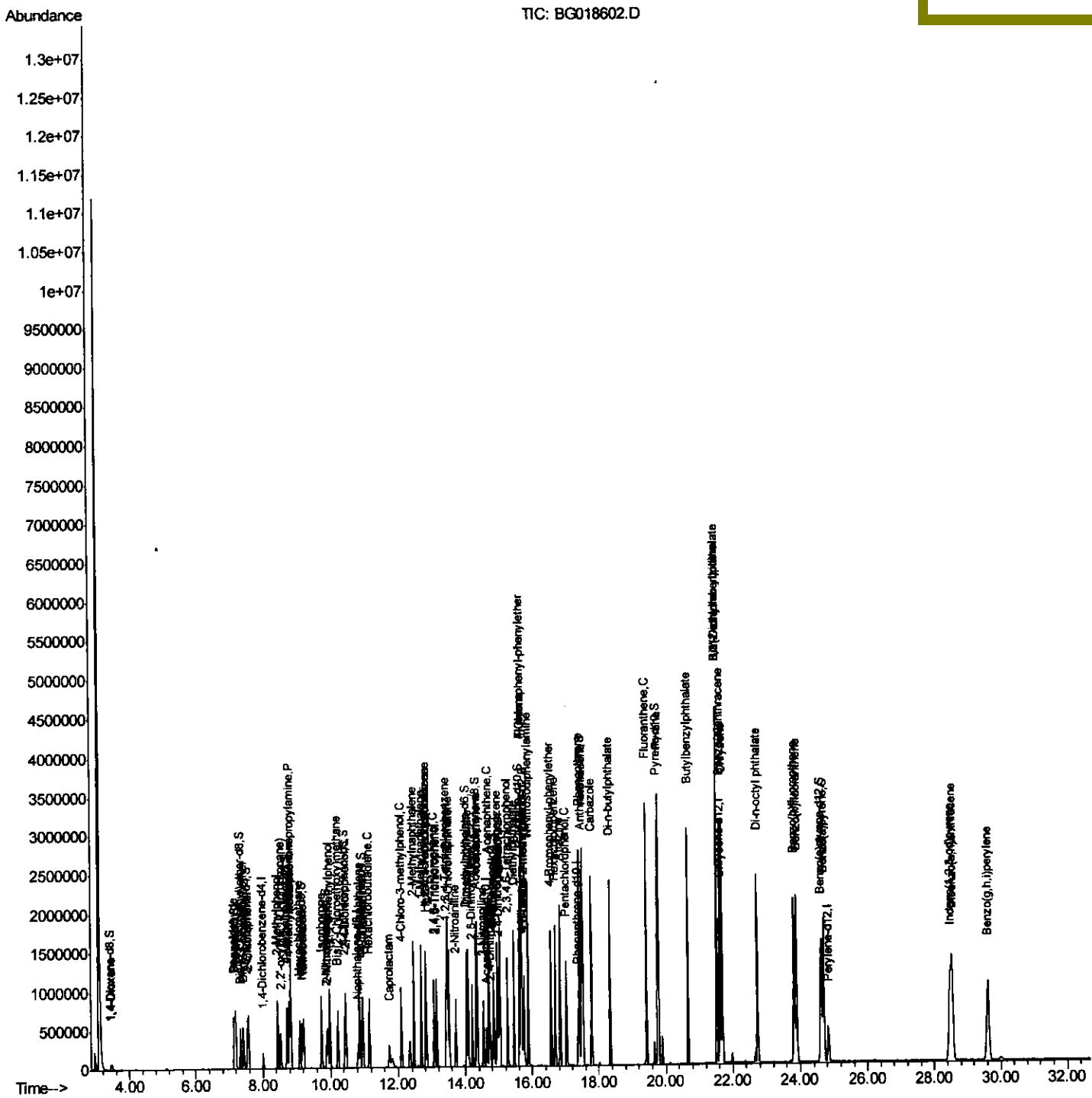

Quantitation Report (Qedit)

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Quant Time: Sep 10 14:58:52 2015
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Quant Title : SVOA CALIBRATION
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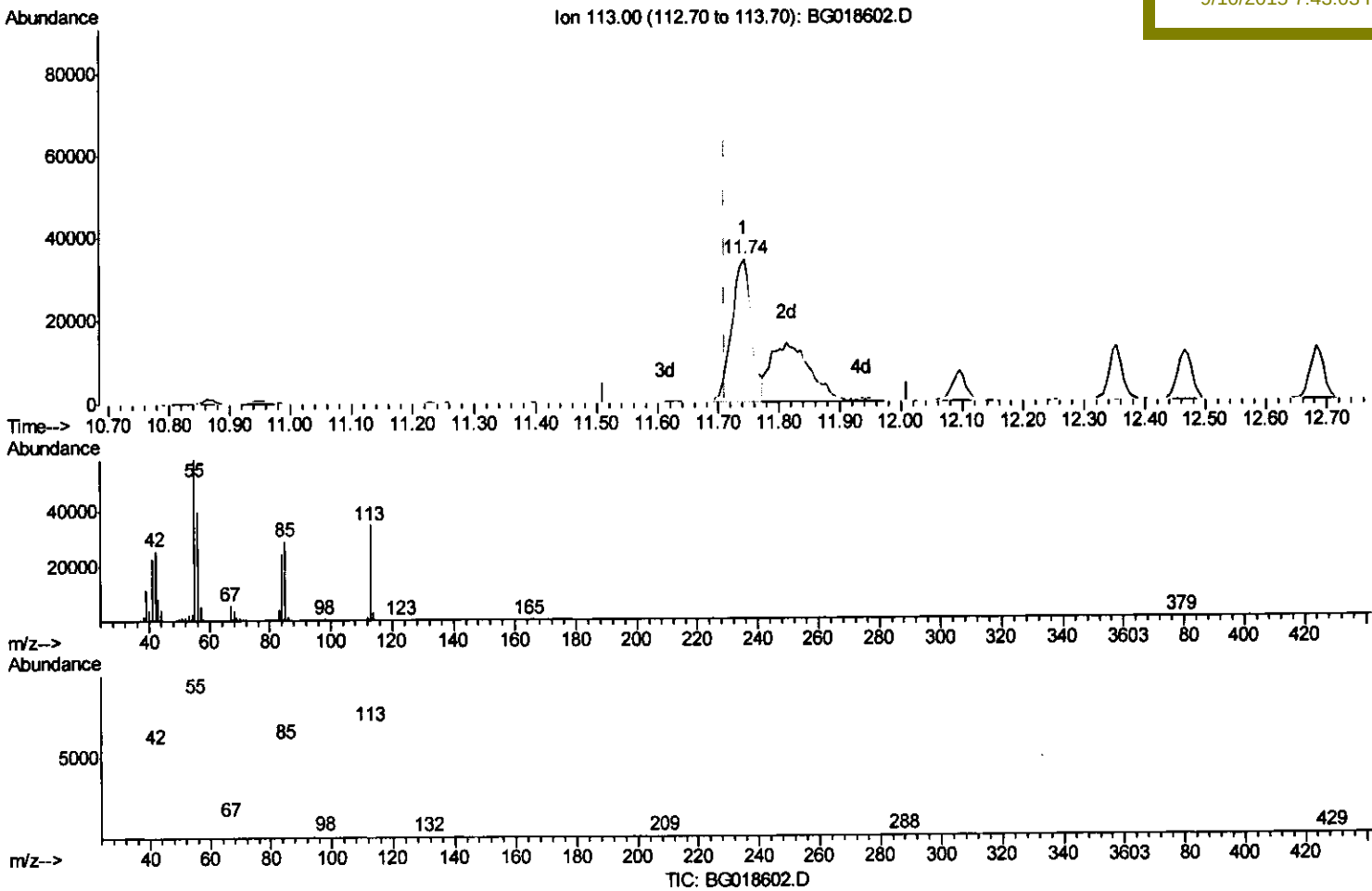

(32) Caprolactam

11.742min (+0.031) 44.65ng/ul

response 78414

ion	Exp%	Act%
113.00	100	100
55.00	155.30	169.88
56.00	122.80	113.94
0.00	0.00	0.00

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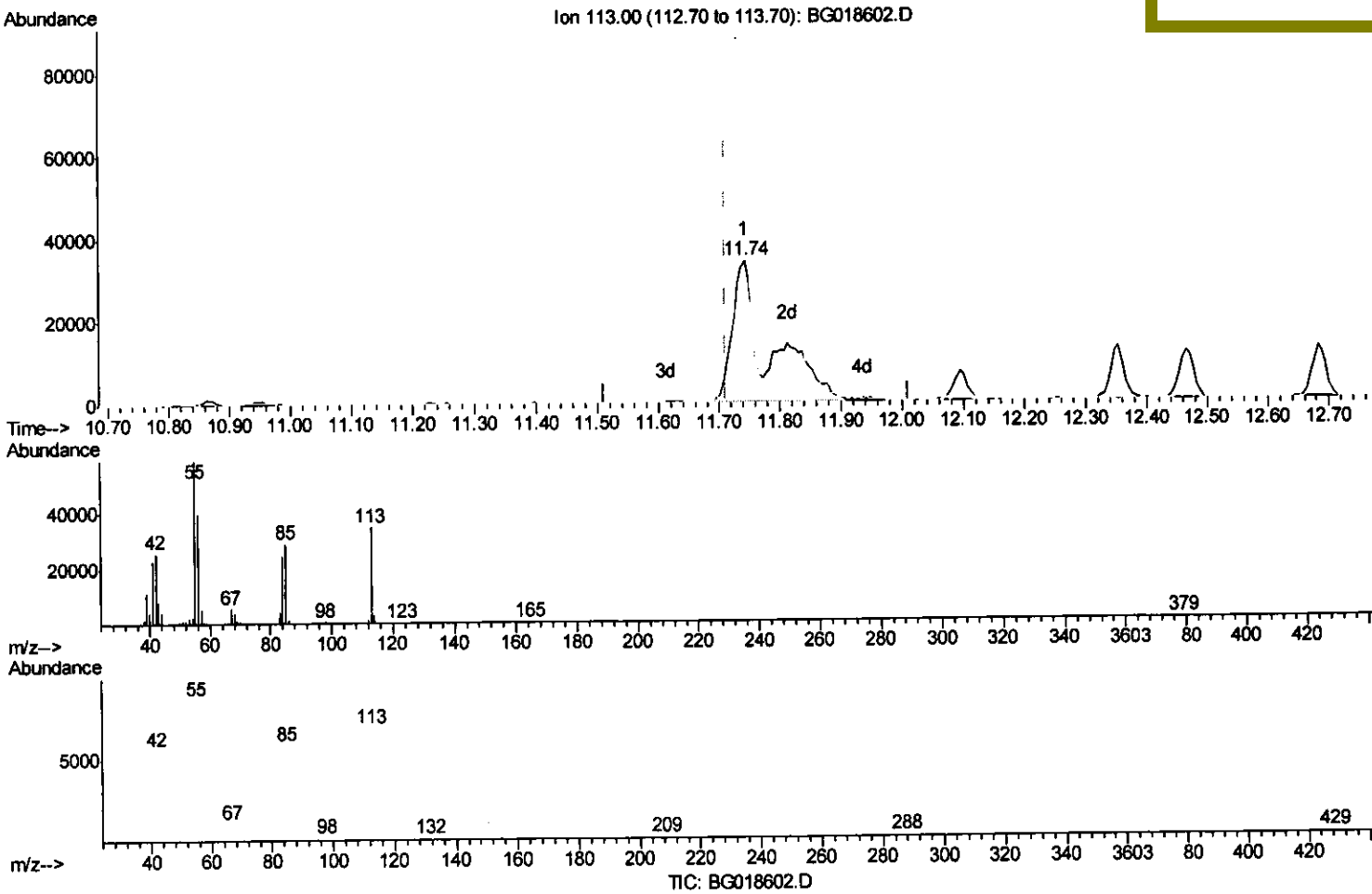

(32) Caprolactam

11.742min (+0.031) 80.53ng/ul m U.M 9/11/15

response 141430

Ion	Exp%	Act%
113.00	100	100
55.00	155.30	169.88
56.00	122.80	113.94
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	64760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	276198	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	184419	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	468073	20.00	ng/ul	0.00
78) Chrysene-d12	21.64	240	480790	20.00	ng/ul	0.00
86) Perylene-d12	24.83	264	496623	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	40701	27.77	ng/uL	0.00
5) Phenol-d5	7.17	99	428898	72.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	244702	67.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	326896	72.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	346724	70.21	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	168738	78.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	180234	82.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	358164	76.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	426164	81.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	1097888	70.76	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	1308285	66.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.84	143	236886	84.88	ng/ul	0.01
58) Fluorene-d10	15.63	176	962005	71.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	194751	84.59	ng/ul	0.01
71) Anthracene-d10	17.48	188	1497412	66.89	ng/ul	0.00
79) Pyrene-d10	19.76	212	1639097	65.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	1875719	71.14	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	45398	28.94	ng/uL#	78
4) Benzaldehyde	7.14	77	226929	65.81	ng/ul	95
6) Phenol	7.20	94	445839	74.37	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.43	93	324429	70.35	ng/ul	96
10) 2-Chlorophenol	7.58	128	331719	72.30	ng/ul	92
11) 2-Methylphenol	8.45	108	344084	74.01	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.54	45	376005	50.79	ng/ul#	92
14) Acetophenone	8.83	105	519017	72.76	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.82	70	261701	63.93	ng/ul#	87
16) 4-Methylphenol	8.78	108	369515	72.84	ng/ul	96
17) Hexachloroethane	9.09	117	128855	65.17	ng/ul	87
20) Nitrobenzene	9.21	77	387828	71.38	ng/ul	91
21) Isophorone	9.74	82	765103	73.21	ng/ul	99
23) 2-Nitrophenol	9.93	139	194471	79.87	ng/ul#	83
24) 2,4-Dimethylphenol	9.98	107	387250	70.98	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.21	93	458680	70.42	ng/ul	97
27) 2,4-Dichlorophenol	10.46	162	348430	79.92	ng/ul	97
28) Naphthalene	10.87	128	1065697	72.99	ng/ul	98
30) 4-Chloroaniline	10.97	127	436016	81.51	ng/ul	100
31) Hexachlorobutadiene	11.15	225	206892	75.14	ng/ul	95
32) Caprolactam	11.74	113	141430m	80.53	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	384593	76.13	ng/ul	98
34) 2-Methylnaphthalene	12.46	142	794796	75.18	ng/ul	95

U.M 9/11/15

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	770563	74.65 ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	425233	71.91 ng/ul	95
38) Hexachlorocyclopentadiene	12.82	237	262591	74.59 ng/ul	92
39) 2,4,6-Trichlorophenol	13.07	196	295561	73.37 ng/ul	95
40) 2,4,5-Trichlorophenol	13.15	196	318473	73.54 ng/ul	98
41) 1,1'-Biphenyl	13.47	154	1021215	66.35 ng/ul	99
42) 2-Chloronaphthalene	13.52	162	794048	66.41 ng/ul	98
43) 2-Nitroaniline	13.72	65	260746	67.55 ng/ul#	82
45) Dimethylphthalate	14.09	163	1055314	68.95 ng/ul	96
46) 2,6-Dinitrotoluene	14.21	165	239792	78.67 ng/ul	89
48) Acenaphthylene	14.36	152	1353237	69.06 ng/ul	97
49) 3-Nitroaniline	14.54	138	244252	78.56 ng/ul#	84
50) Acenaphthene	14.70	153	944700	68.72 ng/ul	99
51) 2,4-Dinitrophenol	14.74	184	126030	84.78 ng/ul#	83
53) 4-Nitrophenol	14.86	109	164522	67.81 ng/ul	92
54) Dibenzofuran	15.03	168	1266942	70.53 ng/ul	100
55) 2,4-Dinitrotoluene	15.00	165	353211	81.19 ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	15.26	232	305696	81.02 ng/ul#	93
57) Diethylphthalate	15.46	149	1113638	68.48 ng/ul	97
59) Fluorene	15.68	166	1070208	69.25 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.67	204	523640	71.60 ng/ul	95
61) 4-Nitroaniline	15.71	138	268976	78.32 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.76	198	204402	83.24 ng/ul#	90
65) N-Nitrosodiphenylamine	15.89	169	944753	67.09 ng/ul	97
66) 4-Bromophenyl-phenylether	16.57	248	359766	71.07 ng/ul	93
67) Hexachlorobenzene	16.69	284	389895	72.83 ng/ul	95
68) Atrazine	16.84	200	428916	81.37 ng/ul	96
69) Pentachlorophenol	17.03	266	256110	71.44 ng/ul	96
70) Phenanthrene	17.42	178	1704789	67.13 ng/ul	94
72) Anthracene	17.52	178	1673851	64.68 ng/ul#	92
73) 1,2,3,4-Tetrachlorobenzene	13.44	216	435987	67.32 ng/uL	100
74) Pentachlorobenzene	14.96	250	434375	70.24 ng/uL	94
75) Carbazole	17.78	167	1646135	72.54 ng/ul	95
76) Di-n-butylphthalate	18.33	149	1880564	63.45 ng/ul#	95
77) Fluoranthene	19.43	202	1986752	73.25 ng/ul	95
80) Pyrene	19.79	202	1917133	58.97 ng/ul#	92
81) Butylbenzylphthalate	20.67	149	882347	64.16 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	681610	68.27 ng/ul	96
83) Benzo(a)anthracene	21.62	228	1925146	64.58 ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.52	149	1262902	65.00 ng/ul#	94
85) Chrysene	21.69	228	1809358	64.91 ng/ul	93
87) Di-n-octyl phthalate	22.73	149	2115565	66.02 ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	2124073	68.07 ng/ul	97
89) Benzo(k)fluoranthene	23.89	252	1982612	65.99 ng/ul	96
91) Benzo(a)pyrene	24.70	252	2022129	68.16 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.49	276	2466488	71.85 ng/ul	98
93) Dibenzo(a,h)anthracene	28.55	278	1947397	68.29 ng/ul	95
94) Benzo(g,h,i)perylene	29.63	276	2037024	70.66 ng/ul	98

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

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