Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090817\
Data File : BM011475.D
Acq On : 08 Sep 2017 16:51
Operator : SJ/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 08 17:50:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 17:01:48 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV08

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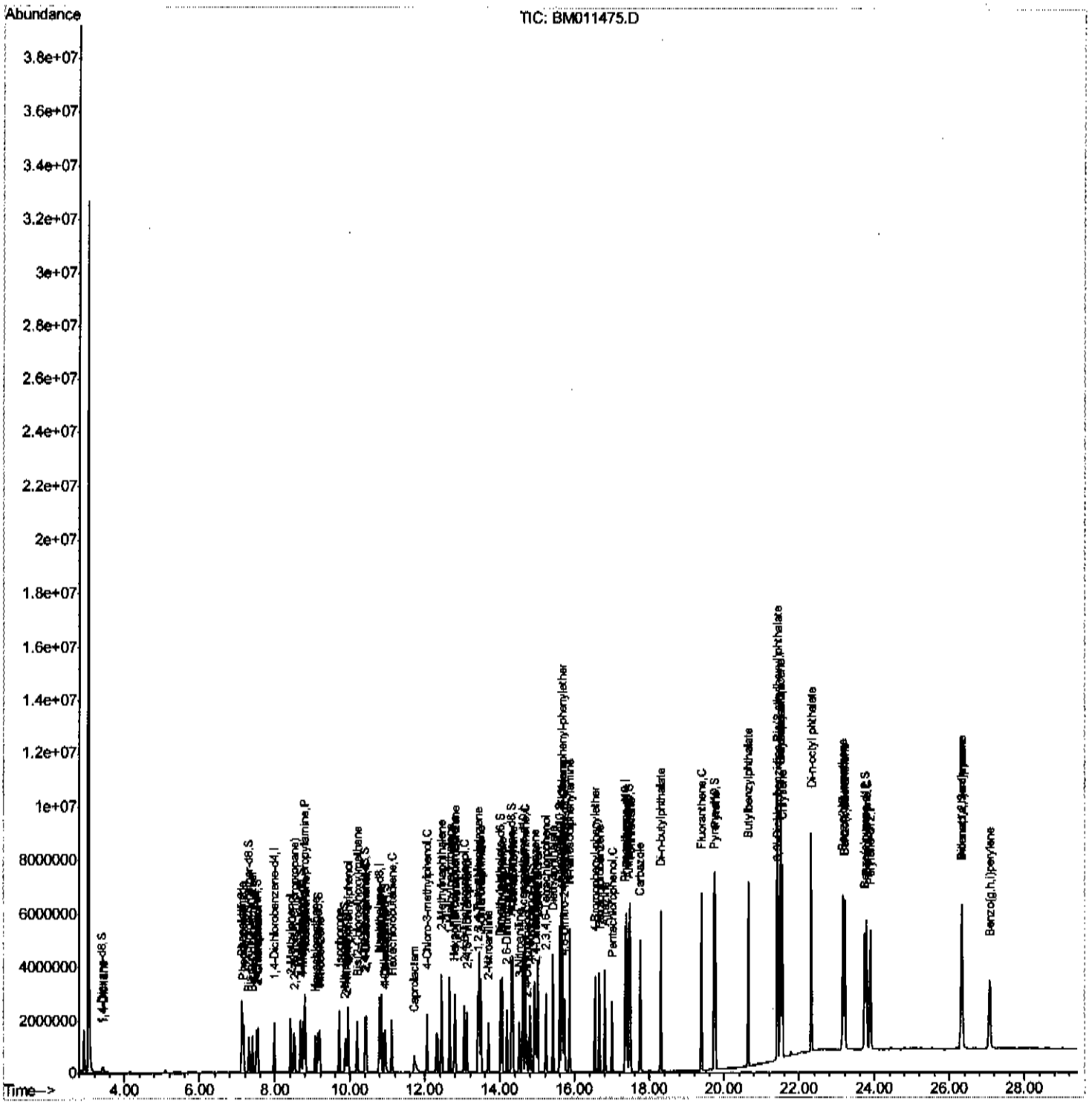

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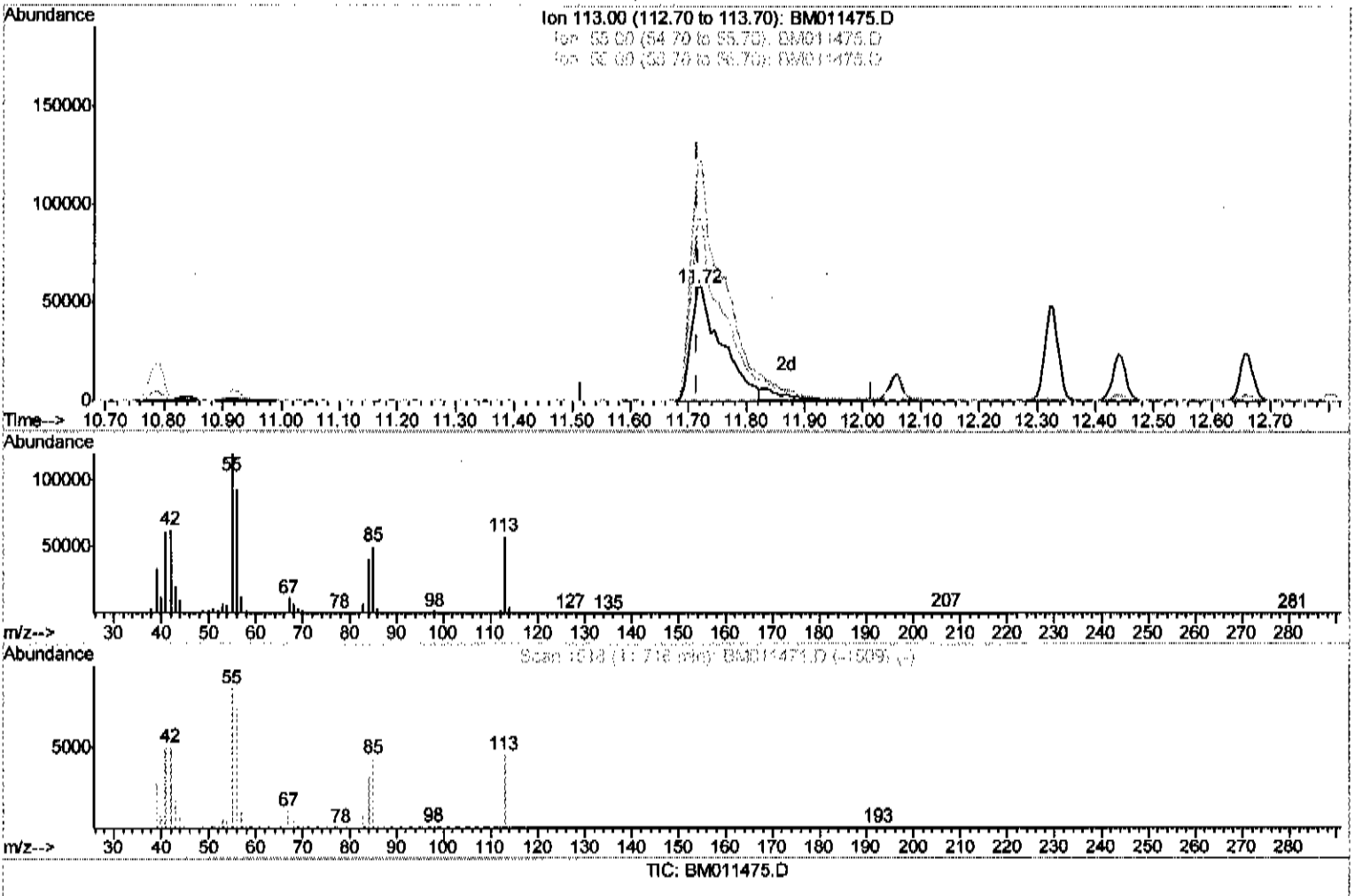

TIC: BM011475.D

(32) Caprolactam

11.716min (-0.000) 18.53ng/ul

response 213049

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	207.50#
56.00	115.90	160.52#
0.00	0.00	0.00

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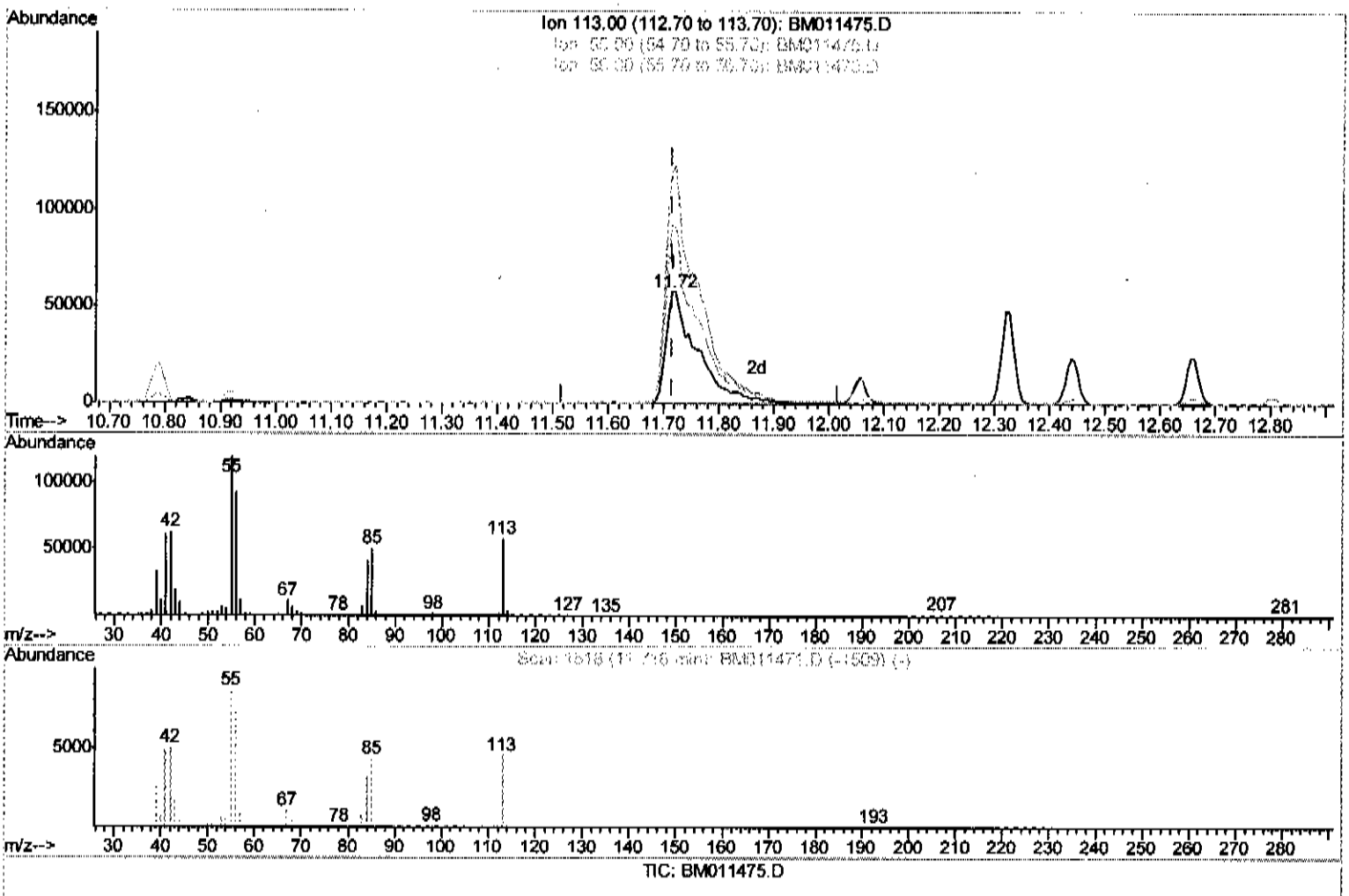

(32) Caprolactam

11.716min (-0.000) 19.99ng/ul m JU 9/19/17

response 229824

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	207.50#
56.00	115.90	160.52#
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	7.98	152	520812	20.00	ng/ul	0.00
18) Naphthalene-d8	10.79	136	2384739	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.61	164	1451473	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.35	188	3264686	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3645259	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	3344999	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	91266	7.88	ng/uL	0.00
5) Phenol-d5	7.13	99	930462	18.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	651387	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.51	132	739798	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	754439	19.32	ng/ul	0.00
19) Nitrobenzene-d5	9.15	128	360128	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	381399	20.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	759733	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	761263	18.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	2482915	20.23	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2972450	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	435875	18.90	ng/ul	0.00
58) Fluorene-d10	15.60	176	2114539	19.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.71	200	353124	18.59	ng/ul	0.00
71) Anthracene-d10	17.44	188	3206683	19.95	ng/ul	0.00
79) Pyrene-d10	19.73	212	3469887	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	3245827	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	97303	7.667	ng/uL#	71
4) Benzaldehyde	7.12	77	509951	17.846	ng/ul	89
6) Phenol	7.16	94	927730	18.689	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.40	93	752263	19.249	ng/ul	88
10) 2-Chlorophenol	7.54	128	719038	19.557	ng/ul	94
11) 2-Methylphenol	8.41	108	711766	18.910	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.51	45	1228688	19.397	ng/ul#	93
14) Acetophenone	8.80	105	1151536	19.297	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.79	70	626833	19.575	ng/ul#	80
16) 4-Methylphenol	8.74	108	788353	19.142	ng/ul	95
17) Hexachloroethane	9.06	117	272406	19.381	ng/ul	84
20) Nitrobenzene	9.19	77	845148	19.854	ng/ul	94
21) Isophorone	9.71	82	1707956	19.928	ng/ul#	98
23) 2-Nitrophenol	9.90	139	403866	20.425	ng/ul#	93
24) 2,4-Dimethylphenol	9.95	107	837342	19.791	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.19	93	1090469	19.513	ng/ul	98
27) 2,4-Dichlorophenol	10.43	162	739484	20.246	ng/ul	98
28) Naphthalene	10.84	128	2424570	19.606	ng/ul	99
30) 4-Chloroaniline	10.95	127	726783	18.296	ng/ul	95
31) Hexachlorobutadiene	11.12	225	426286	20.563	ng/ul	97
32) Caprolactam	11.72	113	229824m>	19.989	ng/ul	>
33) 4-Chloro-3-methylphenol	12.06	107	767074	19.809	ng/ul	93
34) 2-Methylnaphthalene	12.44	142	1826599	19.890	ng/ul	97

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	1749975	20.008	ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	853275	19.818	ng/ul#	97
38) Hexachlorocyclopentadiene	12.79	237	434466	18.003	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.04	196	585072	19.958	ng/ul	98
40) 2,4,5-Trichlorophenol	13.12	196	610290	20.532	ng/ul	98
41) 1,1'-Biphenyl	13.44	154	2369489	19.618	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	1788680	19.682	ng/ul	99
43) 2-Nitroaniline	13.69	65	549470	19.466	ng/ul	91
45) Dimethylphthalate	14.06	163	2347769	19.984	ng/ul#	98
46) 2,6-Dinitrotoluene	14.18	165	427025	20.581	ng/ul	98
48) Acenaphthylene	14.33	152	2987821	20.003	ng/ul	99
49) 3-Nitroaniline	14.51	138	485545	18.978	ng/ul	97
50) Acenaphthene	14.67	153	1975725	19.576	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	223213	17.412	ng/ul#	73
53) 4-Nitrophenol	14.80	109	277957	18.754	ng/ul#	50
54) Dibenzofuran	15.00	168	2782130	19.708	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	624224	20.466	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.23	232	553120	20.418	ng/ul#	81
57) Diethylphthalate	15.42	149	2427934	19.859	ng/ul	96
59) Fluorene	15.66	166	2347788	19.844	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	1100165	19.846	ng/ul	91
61) 4-Nitroaniline	15.67	138	529528	19.322	ng/ul#	84
64) 4,6-Dinitro-2-methylphenol	15.72	198	367827	18.896	ng/ul	94
65) N-Nitrosodiphenylamine	15.86	169	1975559	19.866	ng/ul	99
66) 4-Bromophenyl-phenylether	16.54	248	682445	20.466	ng/ul	95
67) Hexachlorobenzene	16.65	284	759638	20.695	ng/ul#	88
68) Atrazine	16.80	200	668458	19.401	ng/ul	97
69) Pentachlorophenol	16.99	266	455768	19.338	ng/ul	97
70) Phenanthrene	17.39	178	3618597	19.885	ng/ul	100
72) Anthracene	17.48	178	3779679	20.242	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	861981	19.814	ng/uL	98
74) Pentachlorobenzene	14.93	250	900556	20.411	ng/uL	97
75) Carbazole	17.75	167	3345280	20.999	ng/ul	99
76) Di-n-butylphthalate	18.30	149	4416865	21.109	ng/ul	99
77) Fluoranthene	19.40	202	4212804	22.508	ng/ul#	89
80) Pyrene	19.76	202	4390748	20.645	ng/ul#	84
81) Butylbenzylphthalate	20.64	149	1992160	20.368	ng/ul#	94
82) 3,3'-Dichlorobenzidine	21.43	252	1373615	20.750	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	4089908	20.377	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.41	149	3111304	20.714	ng/ul#	98
85) Chrysene	21.55	228	3734321	20.523	ng/ul	99
87) Di-n-octyl phthalate	22.32	149	5266207	22.183	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3967147	19.714	ng/ul#	95
89) Benzo(k)fluoranthene	23.21	252	3906185	20.212	ng/ul#	95
91) Benzo(a)pyrene	23.78	252	3810314	20.061	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.33	276	4120104	19.719	ng/ul#	86
93) Dibenzo(a,h)anthracene	26.33	278	3519393	19.865	ng/ul#	94
94) Benzo(g,h,i)perylene	27.07	276	3339352	19.735	ng/ul#	91

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

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