Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN052521\
Data File : BN014732.D
Acq On : 25 May 2021 12:54
Operator : CG/JU
Sample : M2493-16MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 25 13:23:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 25 10:33:04 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GB432MS

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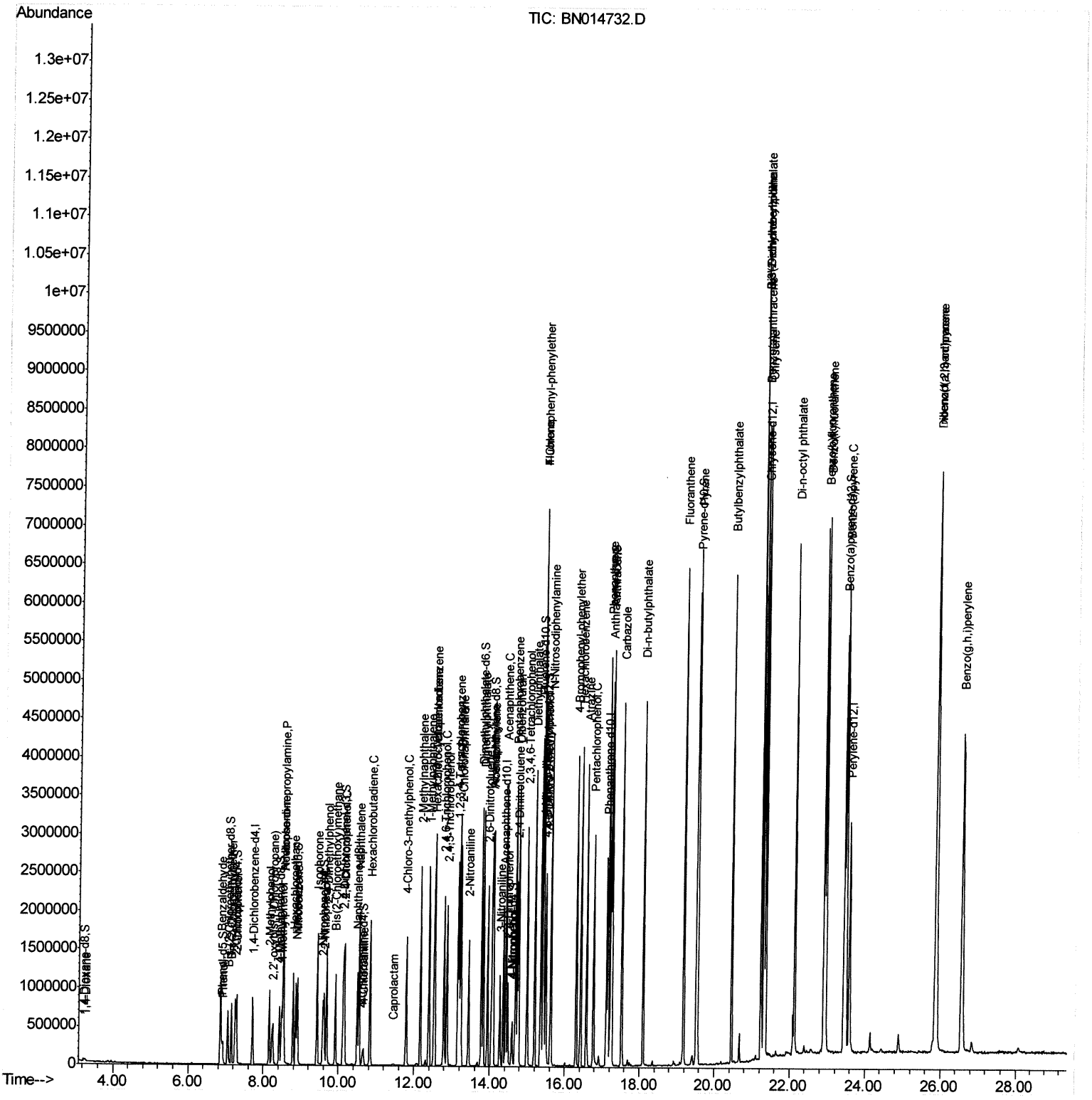

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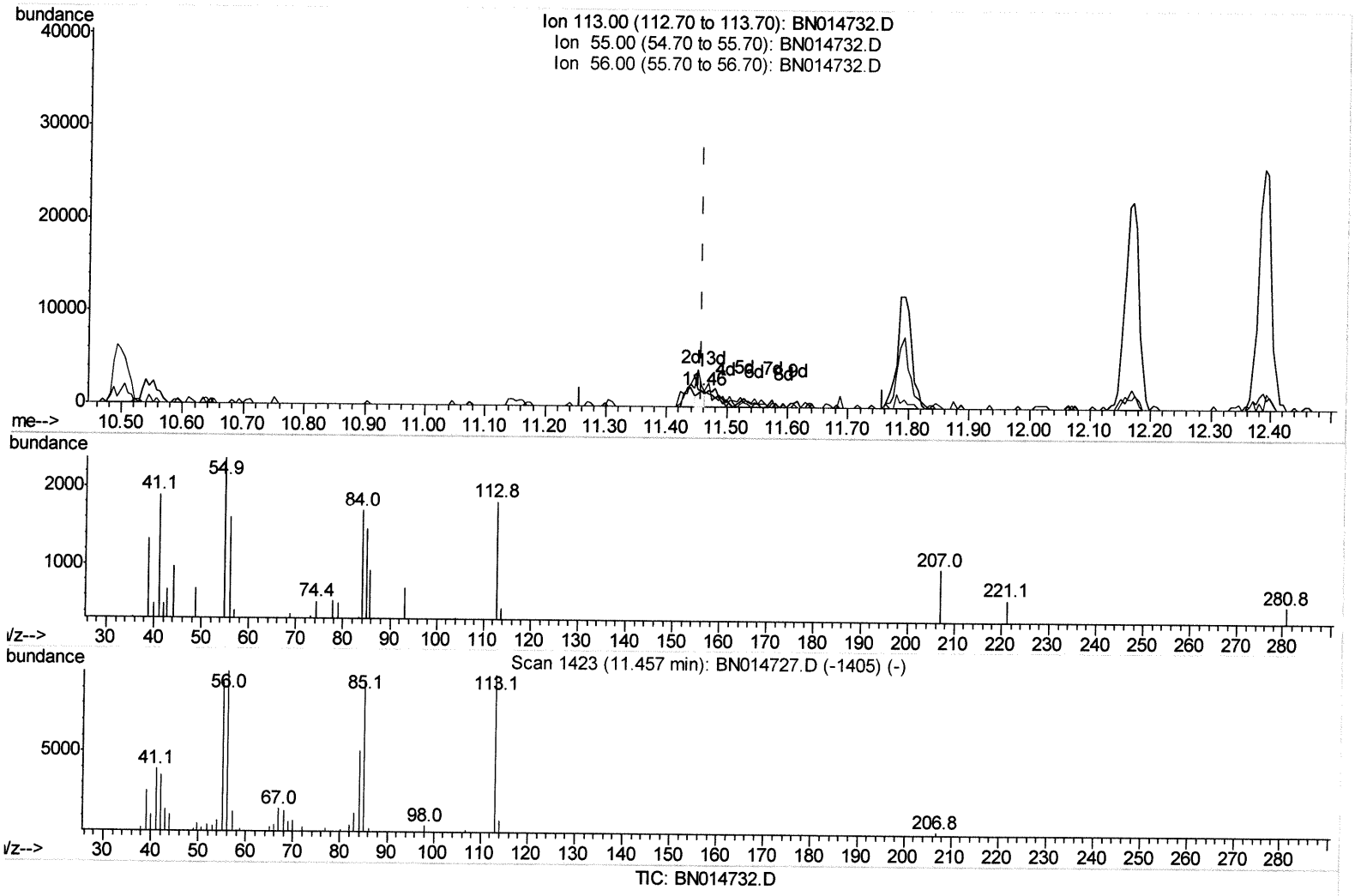

TIC: BN014732.D

(34) Caprolactam

11.457min (0.000) 0.34ng/ul

response 1643

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	129.99
56.00	73.20	88.44#
0.00	0.00	0.00

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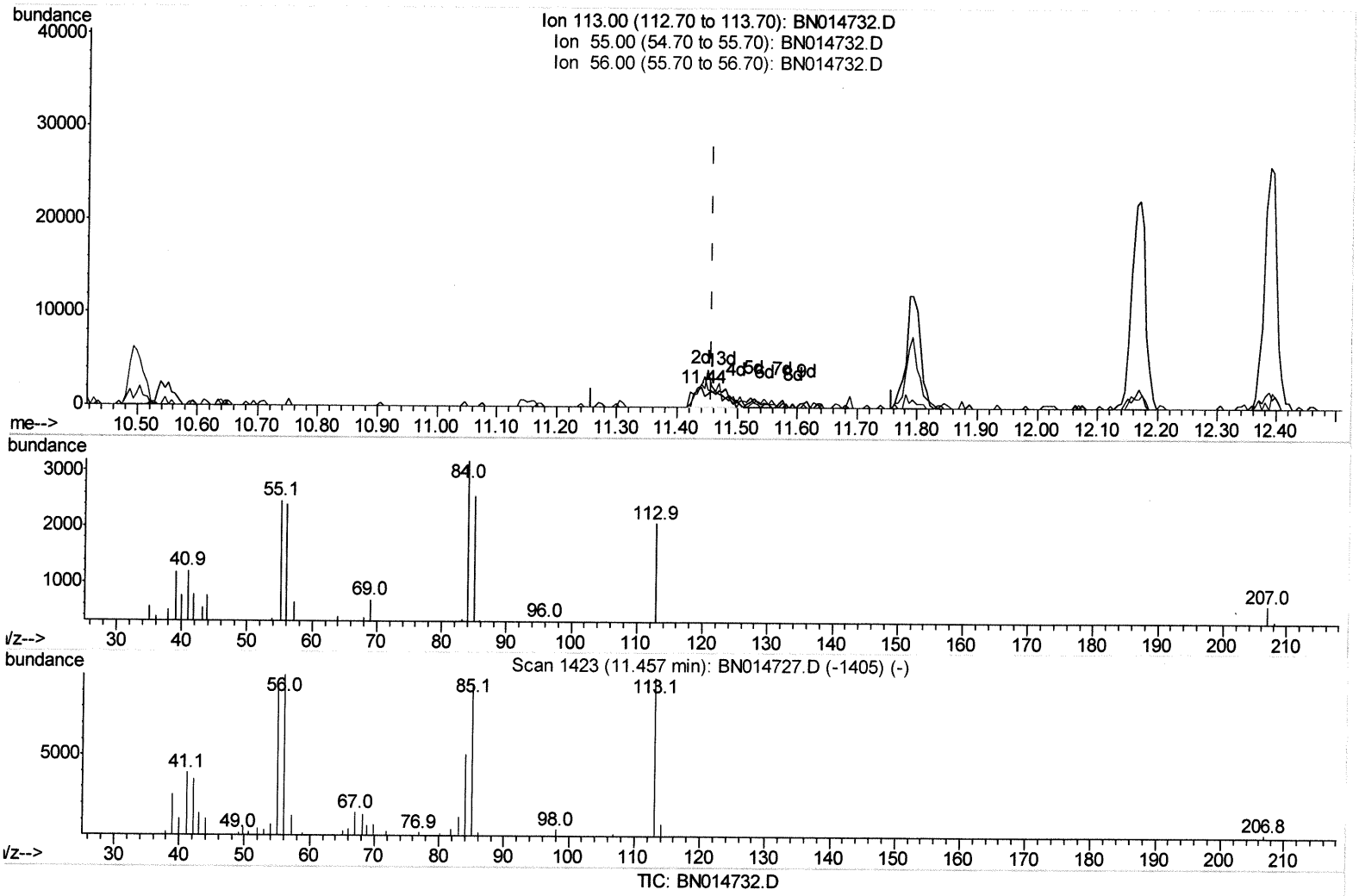

TIC: BN014732.D

(34) Caprolactam

11.440min (-0.018) 1.40ng/ul m

response 6791

Ion	Exp%	Act%
113.00	100	100
55.00	118.50	118.38
56.00	73.20	115.35#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	213454	20.00	ng/ul	0.00
20) Naphthalene-d8	10.50	136	849117	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.36	164	657420	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.12	188	1574422	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	1880812	20.00	ng/ul	0.00
88) Perylene-d12	23.58	264	2246769	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	15183	2.90	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.89	99	138220	6.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	291222	28.02	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	308628	23.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.42	113	253382	15.59	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	206950	32.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.59	143	223061	32.44	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.12	165	450125	28.71	ng/ul	0.00
31) 4-Chloroaniline-d4	10.63	131	60952	3.30	ng/ul	0.00
46) Dimethylphthalate-d6	13.77	166	1890855	36.20	ng/ul	0.00
49) Acenaphthylene-d8	14.06	160	2062610	34.15	ng/ul	0.00
54) 4-Nitrophenol-d4	14.58	143	71893	8.66	ng/ul	0.00
60) Fluorene-d10	15.36	176	1586284	35.25	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.48	200	362065	42.04	ng/ul	0.00
73) Anthracene-d10	17.22	188	2682681	36.48	ng/ul	0.00
81) Pyrene-d10	19.52	212	3381473	38.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.44	264	4482137	37.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	16891	2.745	ng/uL#	87
6) Benzaldehyde	6.86	77	449869	39.970	ng/ul	97
8) Phenol	6.92	94	161062	7.489	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.14	93	487461	29.367	ng/ul	98
12) 2-Chlorophenol	7.28	128	347630	25.658	ng/ul	100
13) 2-Methylphenol	8.16	108	309124	19.573	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.25	45	327218	31.249	ng/ul	95
16) Acetophenone	8.53	105	851185	31.643	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.52	70	418336	32.287	ng/ul#	95
18) 4-Methylphenol	8.48	108	290522	16.866	ng/ul	98
19) Hexachloroethane	8.78	117	203978	30.071	ng/ul#	88
22) Nitrobenzene	8.90	77	637822	31.952	ng/ul#	97
23) Isophorone	9.43	82	1251952	33.028	ng/ul	99
25) 2-Nitrophenol	9.62	139	246890	33.792	ng/ul	87
26) 2,4-Dimethylphenol	9.68	107	556758	24.755	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.92	93	728848	31.645	ng/ul#	94
29) 2,4-Dichlorophenol	10.15	162	452096	30.071	ng/ul	98
30) Naphthalene	10.55	128	1473864	31.935	ng/ul	99
32) 4-Chloroaniline	10.66	127	79717	4.053	ng/ul	89
33) Hexachlorobutadiene	10.84	225	410061	30.504	ng/ul	97
34) Caprolactam	11.44	113	6791m	1.398	ng/ul	
35) 4-Chloro-3-methylphenol	11.79	107	657383	30.174	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.17	142	1121468	32.599 ng/ul	100
37) 1-Methylnaphthalene	12.39	142	1091620	32.275 ng/ul#	96
39) 1,2,4,5-Tetrachlorobenzene	12.55	216	809407	32.562 ng/ul	94
40) Hexachlorocyclopentadiene	12.52	237	481568	29.244 ng/ul	91
41) 2,4,6-Trichlorophenol	12.79	196	503791	36.092 ng/ul	98
42) 2,4,5-Trichlorophenol	12.86	196	552885	36.295 ng/ul	97
43) 1,1'-Biphenyl	13.19	154	1586745	33.739 ng/ul#	96
44) 2-Chloronaphthalene	13.23	162	1279549	33.955 ng/ul	97
45) 2-Nitroaniline	13.44	65	458496	39.947 ng/ul	98
47) Dimethylphthalate	13.82	163	1915086	37.071 ng/ul	99
48) 2,6-Dinitrotoluene	13.94	165	395965	41.246 ng/ul	98
50) Acenaphthylene	14.09	152	1973999	35.548 ng/ul	98
51) 3-Nitroaniline	14.27	138	231099	24.809 ng/ul	97
52) Acenaphthene	14.43	153	1413261	35.124 ng/ul	99
53) 2,4-Dinitrophenol	14.47	184	196099	28.135 ng/ul	92
55) 4-Nitrophenol	14.59	109	99312	6.244 ng/ul	84
56) Dibenzofuran	14.76	168	2141814	35.784 ng/ul	97
57) 2,4-Dinitrotoluene	14.73	165	622667	40.700 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	597602	38.137 ng/ul#	93
59) Diethylphthalate	15.20	149	1930318	38.868 ng/ul	96
61) Fluorene	15.42	166	1591248	35.336 ng/ul	93
62) 4-Chlorophenyl-phenylether	15.42	204	923358	34.659 ng/ul	97
63) 4-Nitroaniline	15.44	138	311159	32.885 ng/ul	91
66) 4,6-Dinitro-2-methylphenol	15.50	198	368597	43.753 ng/ul#	93
67) N-Nitrosodiphenylamine	15.63	169	1610706	37.982 ng/ul	99
68) 4-Bromophenyl-phenylether	16.31	248	780968	38.093 ng/ul	93
69) Hexachlorobenzene	16.43	284	954165	37.202 ng/ul	99
70) Atrazine	16.59	200	732784	41.789 ng/ul	94
71) Pentachlorophenol	16.77	266	527555	35.726 ng/ul	95
72) Phenanthrene	17.16	178	3096630	37.642 ng/ul	99
74) Anthracene	17.25	178	3135617	37.819 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	813215	31.258 ng/uL	95
76) Pentachlorobenzene	14.69	250	961849	35.747 ng/uL	95
77) Carbazole	17.52	167	2790740	39.938 ng/ul	98
78) Di-n-butylphthalate	18.09	149	3318637	40.305 ng/ul	97
80) Fluoranthene	19.19	202	4141282	39.601 ng/ul	99
82) Pyrene	19.55	202	4071905	37.864 ng/ul	98
83) Butylbenzylphthalate	20.46	149	1553433	42.990 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.24	252	1455734	41.052 ng/ul	98
85) Benzo(a)anthracene	21.30	228	4443119	37.898 ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.24	149	2007617	38.545 ng/ul	99
87) Chrysene	21.36	228	4216402	35.713 ng/ul	97
89) Di-n-octyl phthalate	22.13	149	4379640	44.060 ng/ul	100
90) Benzo(b)fluoranthene	22.90	252	5480463	40.645 ng/ul	97
91) Benzo(k)fluoranthene	22.95	252	4940548	36.776 ng/ul	99
93) Benzo(a)pyrene	23.49	252	4793461	39.282 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.88	276	6490246	38.819 ng/ul	98
95) Dibenzo(a,h)anthracene	25.89	278	5369978	38.810 ng/ul	99
96) Benzo(g,h,i)perylene	26.57	276	5822939	39.352 ng/ul	96

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

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