Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017094.D
Acq On : 26 Oct 2021 17:01
Operator : CG/JU
Sample : PB140236BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 26 17:31:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 15:29:15 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS236

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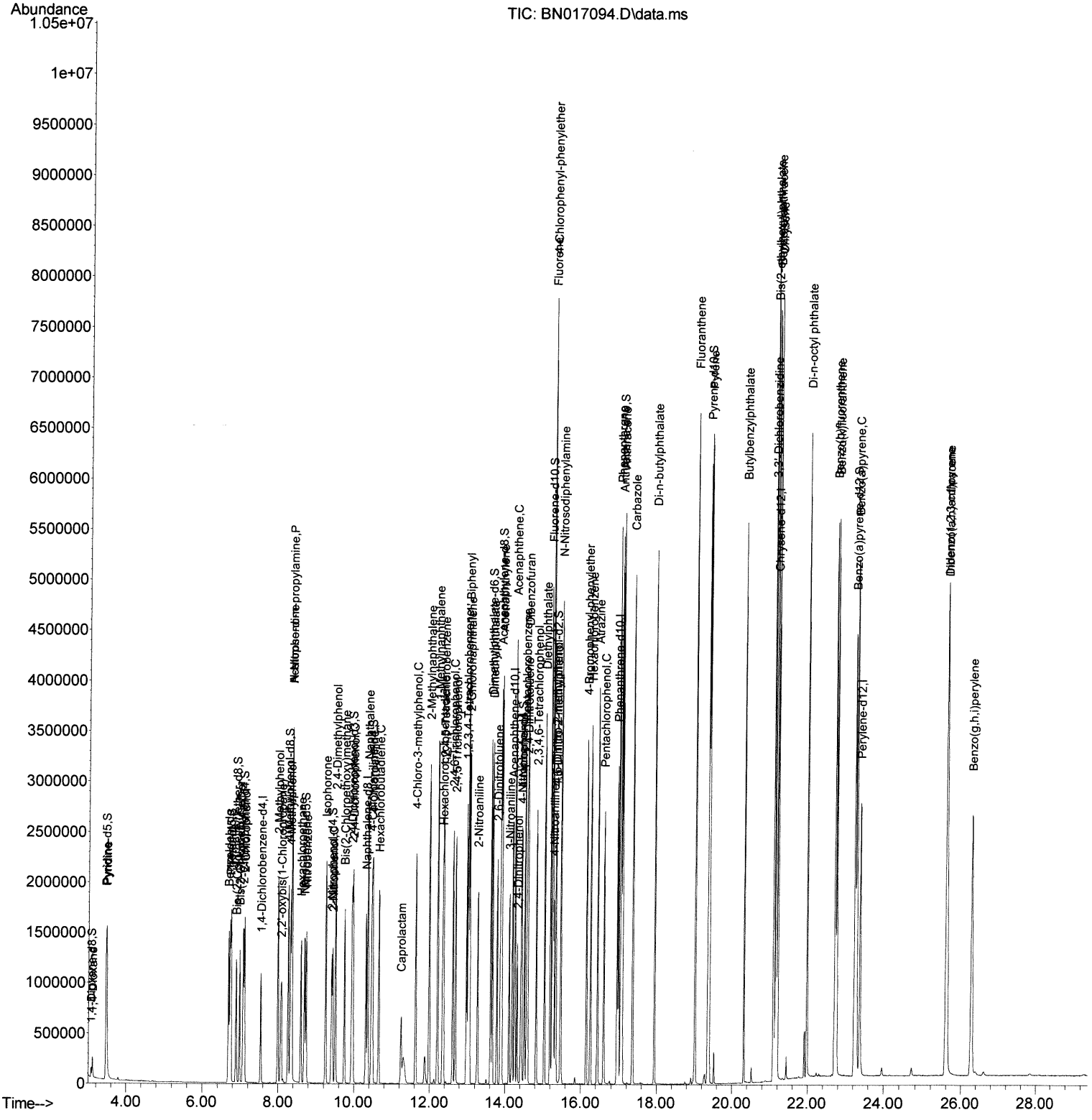

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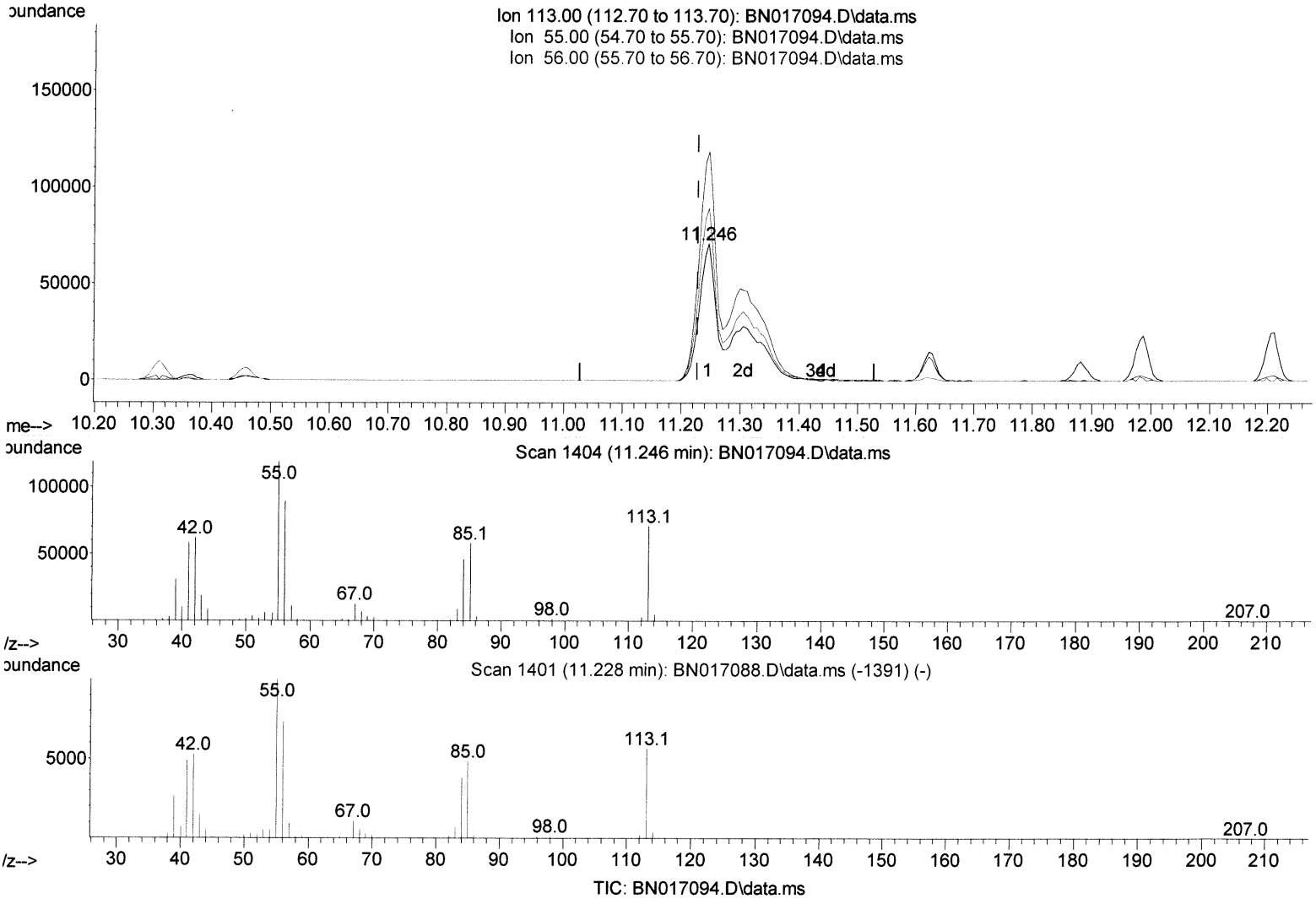

(34) Caprolactam

11.246min (+ 0.018) 18.40 ng/ul

response 139939

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	167.40
56.00	129.90	126.02
0.00	0.00	0.00

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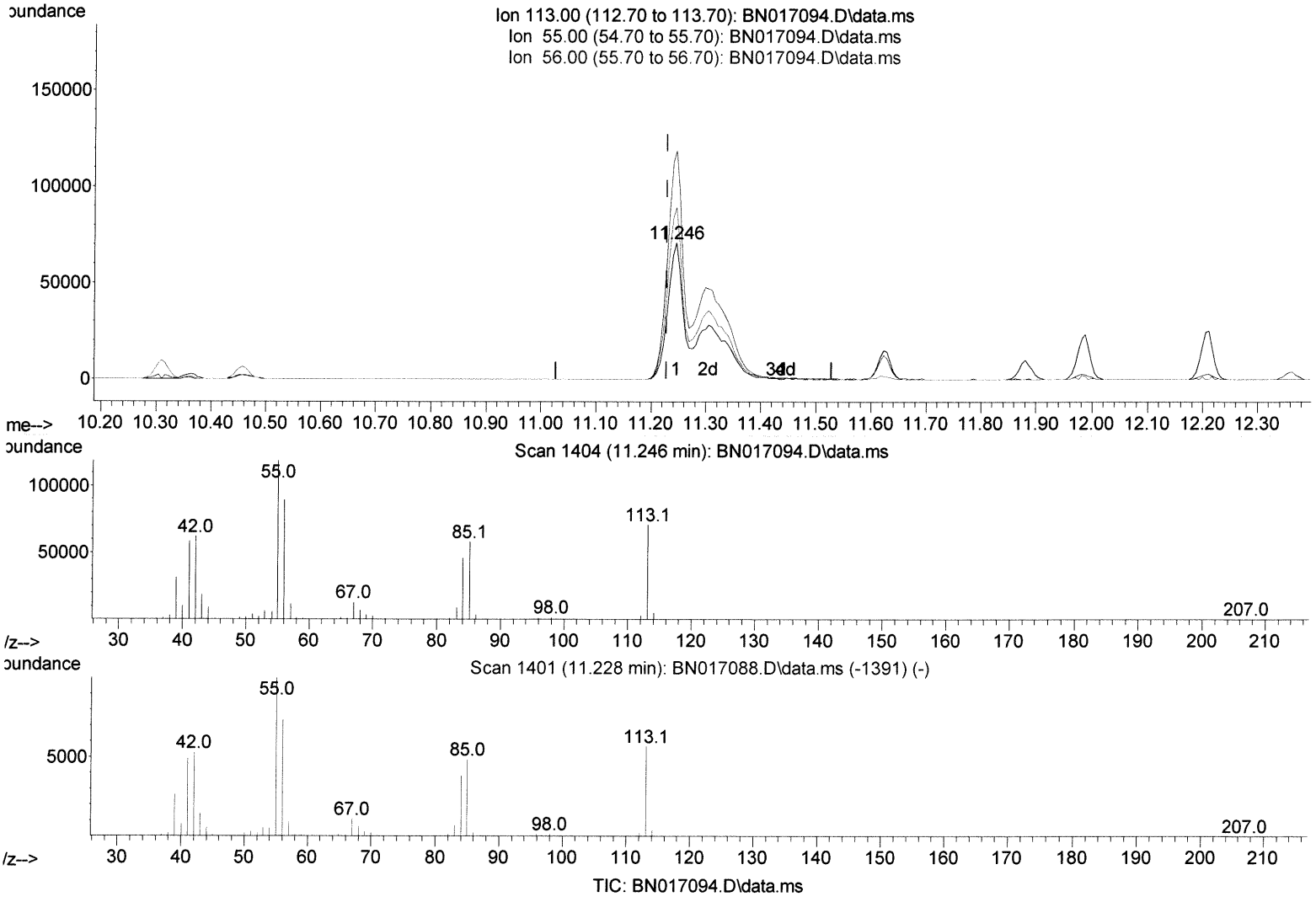

(34) Caprolactam

11.246min (+ 0.018) 32.72 ng/ul m 10/29/21 JU

response 248812

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	167.40
56.00	129.90	126.02
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	296931	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1354760	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	889122	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1814475	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	1798968	20.000	ng/ul	0.00
88) Perylene-d12	23.369	264	1733276	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	47278	5.768	ng/uL	0.00
4) Pyridine-d5	3.464	84	661793	30.141	ng/ul	0.00
7) Phenol-d5	6.728	99	893363	32.378	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	512911	31.319	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	715014	32.952	ng/ul	0.00
15) 4-Methylphenol-d8	8.258	113	734875	32.626	ng/ul	0.00
21) Nitrobenzene-d5	8.693	128	363733	34.668	ng/ul	0.00
24) 2-Nitrophenol-d4	9.405	143	409843	35.285	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	718586	33.769	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	1011188	31.905	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	2228325	33.478	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	2810998	33.501	ng/ul	0.00
54) 4-Nitrophenol-d4	14.422	143	458762	34.930	ng/ul	0.01
60) Fluorene-d10	15.193	176	1861040	32.735	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.328	200	417214	35.510	ng/ul	0.00
73) Anthracene-d10	17.045	188	2906916	33.183	ng/ul	0.00
81) Pyrene-d10	19.351	212	3312740	31.399	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.227	264	3153837	34.236	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	93881	11.581	ng/uL	99
5) Pyridine	3.481	79	636516	28.646	ng/ul	99
6) Benzaldehyde	6.687	77	474586	28.868	ng/ul	99
8) Phenol	6.752	94	874512	31.330	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.981	93	674061	30.733	ng/ul	98
12) 2-Chlorophenol	7.105	128	697868	31.101	ng/ul	99
13) 2-Methylphenol	7.987	108	668897	31.498	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.081	45	981243	30.495	ng/ul	99
16) Acetophenone	8.358	105	1064894	31.901	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.358	70	533128	31.814	ng/ul	98
18) 4-Methylphenol	8.322	108	749586	31.950	ng/ul	96
19) Hexachloroethane	8.599	117	266173	30.801	ng/ul	98
22) Nitrobenzene	8.734	77	761275	32.267	ng/ul	98
23) Isophorone	9.252	82	1548805	32.334	ng/ul	99
25) 2-Nitrophenol	9.440	139	424974	33.604	ng/ul	97
26) 2,4-Dimethylphenol	9.510	107	812588	32.062	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.746	93	963193	31.438	ng/ul	100
29) 2,4-Dichlorophenol	9.969	162	684335	32.380	ng/ul	99
30) Naphthalene	10.363	128	2282307	30.964	ng/ul	99
32) 4-Chloroaniline	10.481	127	977577	31.178	ng/ul	97
33) Hexachlorobutadiene	10.652	225	395025	30.694	ng/ul	97
34) Caprolactam	11.246	113	248812m	32.718	ng/ul	10/29/21JU
35) 4-Chloro-3-methylphenol	11.622	107	769505	32.725	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.987	142	1589620	31.238	ng/ul	98
37) 1-Methylnaphthalene	12.210	142	1606407	30.645	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.363	216	805945	31.099	ng/ul	96
40) Hexachlorocyclopentadiene	12.340	237	498561	30.270	ng/ul	94
41) 2,4,6-Trichlorophenol	12.610	196	557997	33.208	ng/ul	98
42) 2,4,5-Trichlorophenol	12.681	196	594617	31.778	ng/ul	96
43) 1,1'-Biphenyl	13.022	154	2152627	31.270	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	1630016	31.090	ng/ul	98
45) 2-Nitroaniline	13.275	65	495859	34.744	ng/ul	97
47) Dimethylphthalate	13.663	163	2103617	31.468	ng/ul	99
48) 2,6-Dinitrotoluene	13.787	165	450166	34.294	ng/ul	97
50) Acenaphthylene	13.910	152	2726785	31.729	ng/ul	99
51) 3-Nitroaniline	14.110	138	460011	30.277	ng/ul	97
52) Acenaphthene	14.257	153	1761354	31.695	ng/ul	100
53) 2,4-Dinitrophenol	14.322	184	278372	33.156	ng/ul	93
55) 4-Nitrophenol	14.434	109	311144	33.572	ng/ul	98
56) Dibenzofuran	14.593	168	2488900	31.369	ng/ul	98
57) 2,4-Dinitrotoluene	14.575	165	650304	34.352	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.828	232	513475	33.242	ng/ul	95
59) Diethylphthalate	15.045	149	2154460	32.320	ng/ul	99
61) Fluorene	15.245	166	1976790	31.607	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	974644	31.692	ng/ul	97
63) 4-Nitroaniline	15.281	138	494611	32.946	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.340	198	387371	33.045	ng/ul	97
67) N-Nitrosodiphenylamine	15.469	169	1776471	32.166	ng/ul	96
68) 4-Bromophenyl-phenylether	16.145	248	613403	31.724	ng/ul	99
69) Hexachlorobenzene	16.251	284	729185	32.407	ng/ul	98
70) Atrazine	16.434	200	650113	32.080	ng/ul	98
71) Pentachlorophenol	16.598	266	440533	32.612	ng/ul	97
72) Phenanthrene	16.987	178	3261682	32.626	ng/ul	99
74) Anthracene	17.081	178	3288201	32.479	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.975	216	813967	30.687	ng/uL	96
76) Pentachlorobenzene	14.516	250	808591	30.103	ng/uL	95
77) Carbazole	17.357	167	3046805	34.087	ng/ul	98
78) Di-n-butylphthalate	17.939	149	3724496	35.251	ng/ul	100
80) Fluoranthene	19.016	202	3841534	30.490	ng/ul	99
82) Pyrene	19.381	202	3804009	29.497	ng/ul	98
83) Butylbenzylphthalate	20.316	149	1672181	34.824	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.086	252	1256923	31.387	ng/ul	98
85) Benzo(a)anthracene	21.145	228	3673587	31.020	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.104	149	2483655	34.270	ng/ul	100
87) Chrysene	21.198	228	3652874	31.296	ng/ul	100
89) Di-n-octyl phthalate	21.980	149	4179908	32.994	ng/ul	100
90) Benzo(b)fluoranthene	22.710	252	3689717	31.532	ng/ul	99
91) Benzo(k)fluoranthene	22.757	252	3414966	30.003	ng/ul	99
93) Benzo(a)pyrene	23.274	252	3609032	32.053	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.604	276	3679020	32.030	ng/ul	99
95) Dibenzo(a,h)anthracene	25.621	278	3075303	31.675	ng/ul	99
96) Benzo(g,h,i)perylene	26.280	276	3004069	31.236	ng/ul	98

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