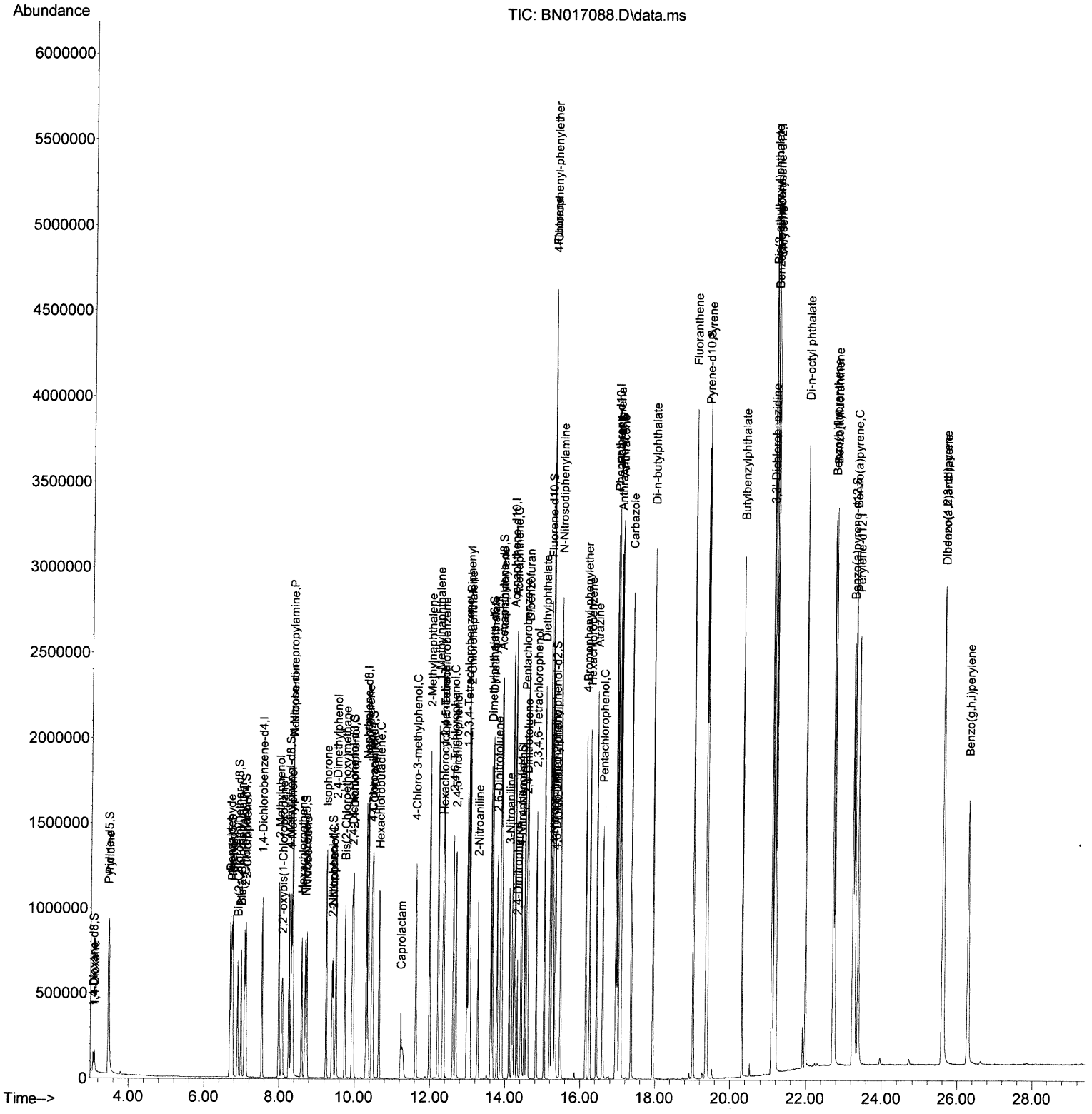
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017088.D
Acq On : 26 Oct 2021 13:01
Operator : CG/JU
Sample : SSTD02031
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 26 13:36:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN102621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 13:33:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020231

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:39 AM



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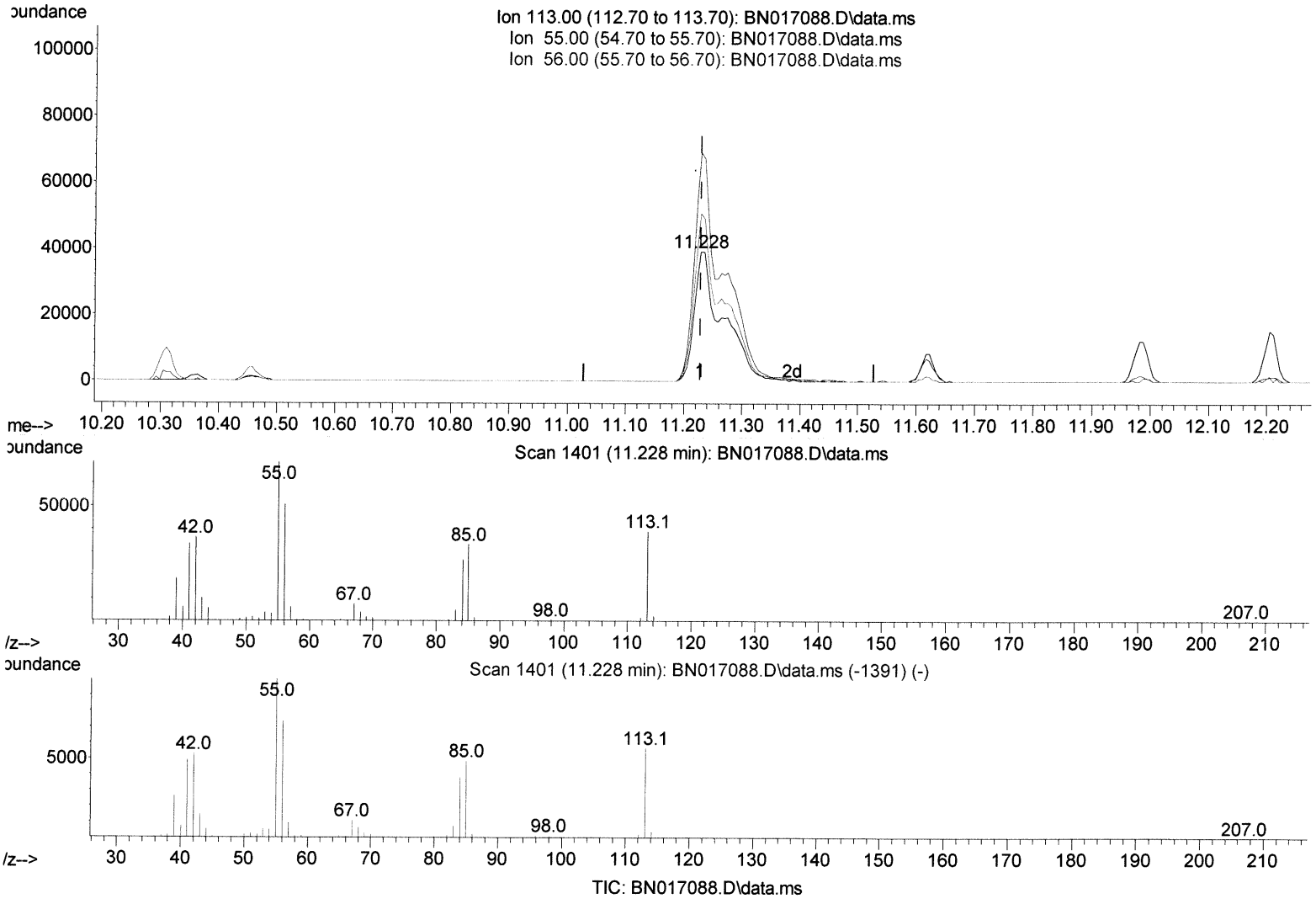

(34) Caprolactam

11.228min (0.000) 10.18 ng/ul

response 82563

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	176.79
56.00	129.90	129.89
0.00	0.00	0.00

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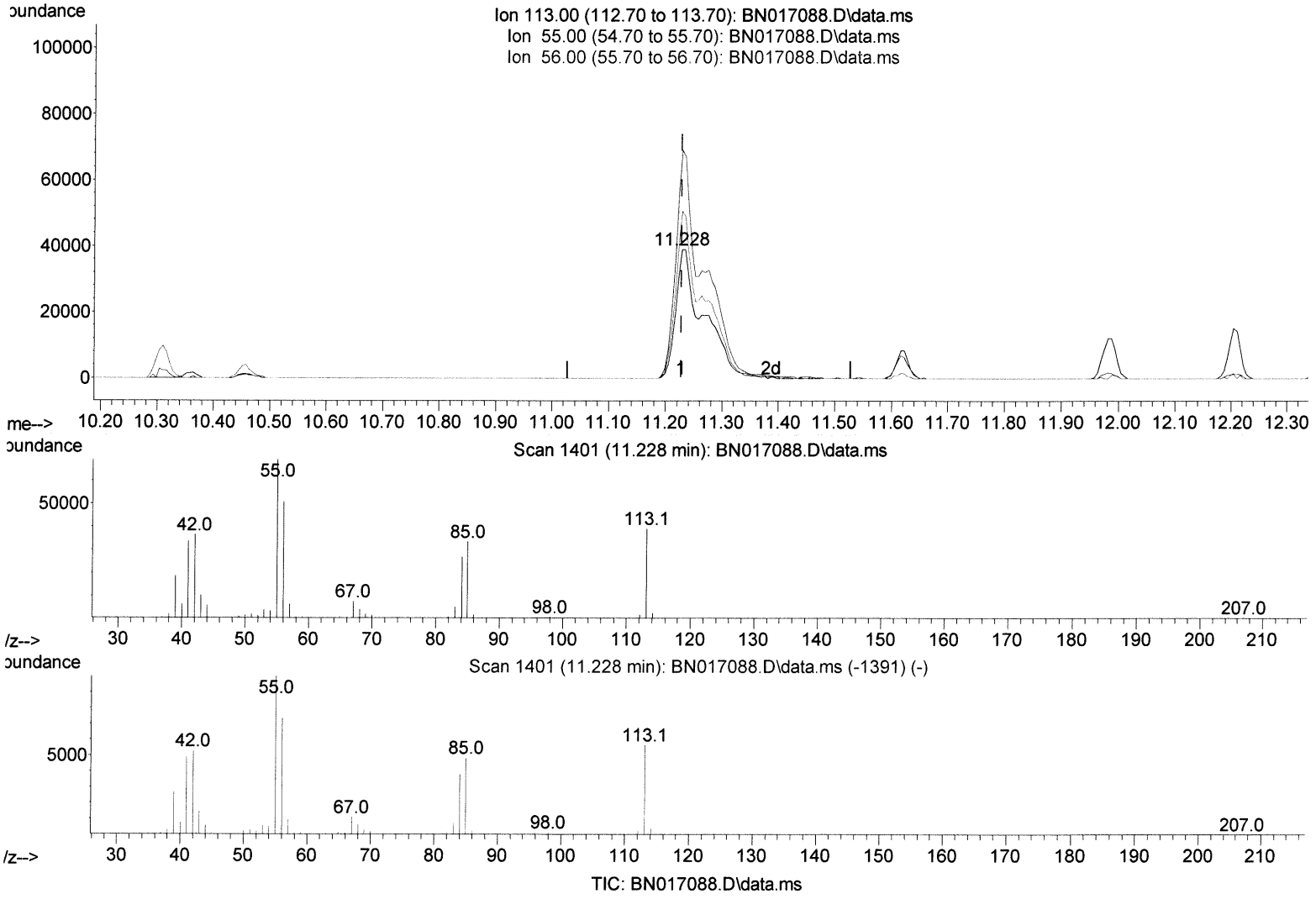

(34) Caprolactam

11.228min (0.000) 16.25 ng/ul m 10/29/21 JU

response 131724

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	176.79
56.00	129.90	129.89
0.00	0.00	0.00

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Sample : SSTD02031
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	274919	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1286947	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.193	164	853227	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1782085	20.000	ng/ul	0.00
79) Chrysene-d12	21.157	240	1713817	20.000	ng/ul	0.00
88) Perylene-d12	23.374	264	1648926	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	57476	7.658	ng/uL	0.00
4) Pyridine-d5	3.464	84	386155	18.534	ng/ul	0.00
7) Phenol-d5	6.722	99	472964	17.475	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	289356	17.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	386895	18.849	ng/ul	0.00
15) 4-Methylphenol-d8	8.252	113	397251	17.576	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	191075	18.793	ng/ul	0.00
24) 2-Nitrophenol-d4	9.405	143	211395	18.988	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	388910	19.026	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	581760	18.209	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	1233245	17.909	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	1567212	18.329	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	236490	16.940	ng/ul	0.00
60) Fluorene-d10	15.193	176	1047663	17.839	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	204892	17.147	ng/ul	0.00
73) Anthracene-d10	17.045	188	1667765	18.062	ng/ul	0.00
81) Pyrene-d10	19.351	212	1860422	18.911	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.233	264	1716176	17.998	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	56330	7.114	ng/uL	100
5) Pyridine	3.481	79	392733	18.310	ng/ul	100
6) Benzaldehyde	6.687	77	296022	17.156	ng/ul	100
8) Phenol	6.752	94	492689	17.852	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.975	93	392131	17.906	ng/ul	100
12) 2-Chlorophenol	7.105	128	399935	18.810	ng/ul	100
13) 2-Methylphenol	7.987	108	370291	17.568	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.075	45	582182	20.128	ng/ul	100
16) Acetophenone	8.358	105	622880	18.081	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.346	70	310608	17.678	ng/ul	100
18) 4-Methylphenol	8.316	108	421501	17.815	ng/ul	100
19) Hexachloroethane	8.599	117	154442	18.648	ng/ul	100
22) Nitrobenzene	8.728	77	427648	18.071	ng/ul	100
23) Isophorone	9.252	82	880952	18.017	ng/ul	100
25) 2-Nitrophenol	9.434	139	230899	18.940	ng/ul	100
26) 2,4-Dimethylphenol	9.510	107	461191	18.547	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.746	93	555631	18.081	ng/ul	100
29) 2,4-Dichlorophenol	9.963	162	383260	18.835	ng/ul	100
30) Naphthalene	10.357	128	1338436	18.376	ng/ul	100
32) 4-Chloroaniline	10.481	127	584026	18.111	ng/ul	100
33) Hexachlorobutadiene	10.652	225	227664	18.304	ng/ul	100
34) Caprolactam	11.228	113	131724m	16.248	ng/ul	10/29/21 JU
35) 4-Chloro-3-methylphenol	11.616	107	437928	18.416	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.987	142	936154	18.587	ng/ul	100
37) 1-Methylnaphthalene	12.204	142	968213	18.505	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.357	216	472644	18.398	ng/ul	100
40) Hexachlorocyclopentadiene	12.340	237	281508	17.176	ng/ul	100
41) 2,4,6-Trichlorophenol	12.610	196	312603	18.471	ng/ul	100
42) 2,4,5-Trichlorophenol	12.681	196	352772	18.680	ng/ul	100
43) 1,1'-Biphenyl	13.016	154	1271054	18.221	ng/ul	100
44) 2-Chloronaphthalene	13.051	162	965104	18.244	ng/ul	100
45) 2-Nitroaniline	13.269	65	269815	18.818	ng/ul	100
47) Dimethylphthalate	13.663	163	1245913	18.044	ng/ul	100
48) 2,6-Dinitrotoluene	13.781	165	246429	18.993	ng/ul	100
50) Acenaphthylene	13.904	152	1619800	18.228	ng/ul	100
51) 3-Nitroaniline	14.104	138	269423	16.981	ng/ul	100
52) Acenaphthene	14.257	153	1024096	17.758	ng/ul	100
53) 2,4-Dinitrophenol	14.316	184	131045	15.308	ng/ul	100
55) 4-Nitrophenol	14.428	109	167966	16.755	ng/ul	100
56) Dibenzofuran	14.593	168	1470309	17.767	ng/ul	100
57) 2,4-Dinitrotoluene	14.569	165	358729	18.411	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.822	232	283752	17.955	ng/ul	100
59) Diethylphthalate	15.040	149	1238819	17.933	ng/ul	100
61) Fluorene	15.245	166	1180661	18.016	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.251	204	577594	18.110	ng/ul	100
63) 4-Nitroaniline	15.275	138	274465	16.668	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.340	198	213901	17.766	ng/ul	100
67) N-Nitrosodiphenylamine	15.469	169	1043118	18.341	ng/ul	100
68) 4-Bromophenyl-phenylether	16.145	248	357354	17.793	ng/ul	100
69) Hexachlorobenzene	16.251	284	415030	16.778	ng/ul	100
70) Atrazine	16.434	200	378445	17.757	ng/ul	100
71) Pentachlorophenol	16.598	266	240329	16.419	ng/ul	100
72) Phenanthrene	16.987	178	1893015	17.543	ng/ul	100
74) Anthracene	17.081	178	1929244	17.804	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.975	216	495653	18.947	ng/uL	100
76) Pentachlorobenzene	14.510	250	492408	17.568	ng/uL	100
77) Carbazole	17.357	167	1763659	18.051	ng/ul	100
78) Di-n-butylphthalate	17.939	149	2068527	17.934	ng/ul	100
80) Fluoranthene	19.016	202	2225123	19.351	ng/ul	100
82) Pyrene	19.381	202	2276631	18.959	ng/ul	100
83) Butylbenzylphthalate	20.316	149	872742	18.486	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.086	252	751612	17.056	ng/ul	100
85) Benzo(a)anthracene	21.145	228	2144198	17.676	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.104	149	1391932	18.773	ng/ul	100
87) Chrysene	21.198	228	2146664	18.099	ng/ul	100
89) Di-n-octyl phthalate	21.980	149	2225549	18.685	ng/ul	100
90) Benzo(b)fluoranthene	22.710	252	2074101	17.751	ng/ul	100
91) Benzo(k)fluoranthene	22.751	252	2151654	19.292	ng/ul	100
93) Benzo(a)pyrene	23.274	252	2102568	18.403	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.604	276	2149447	15.858	ng/ul	100
95) Dibenzo(a,h)anthracene	25.615	278	1821830	15.659	ng/ul	100
96) Benzo(g,h,i)perylene	26.280	276	1806343	15.829	ng/ul	100

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