Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017092.D
Acq On : 26 Oct 2021 15:47
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 26 16:17:45 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 :
SICV235

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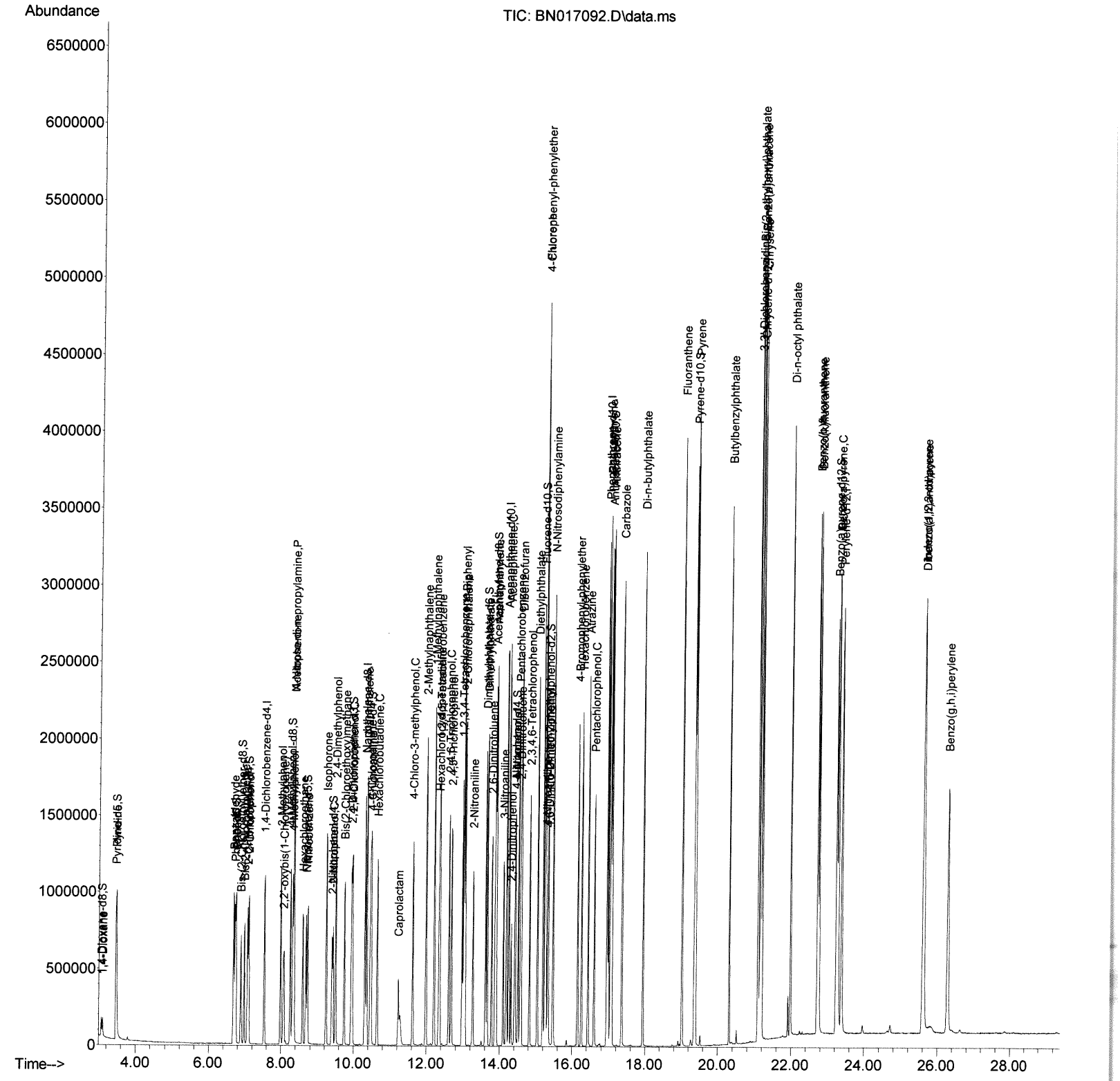

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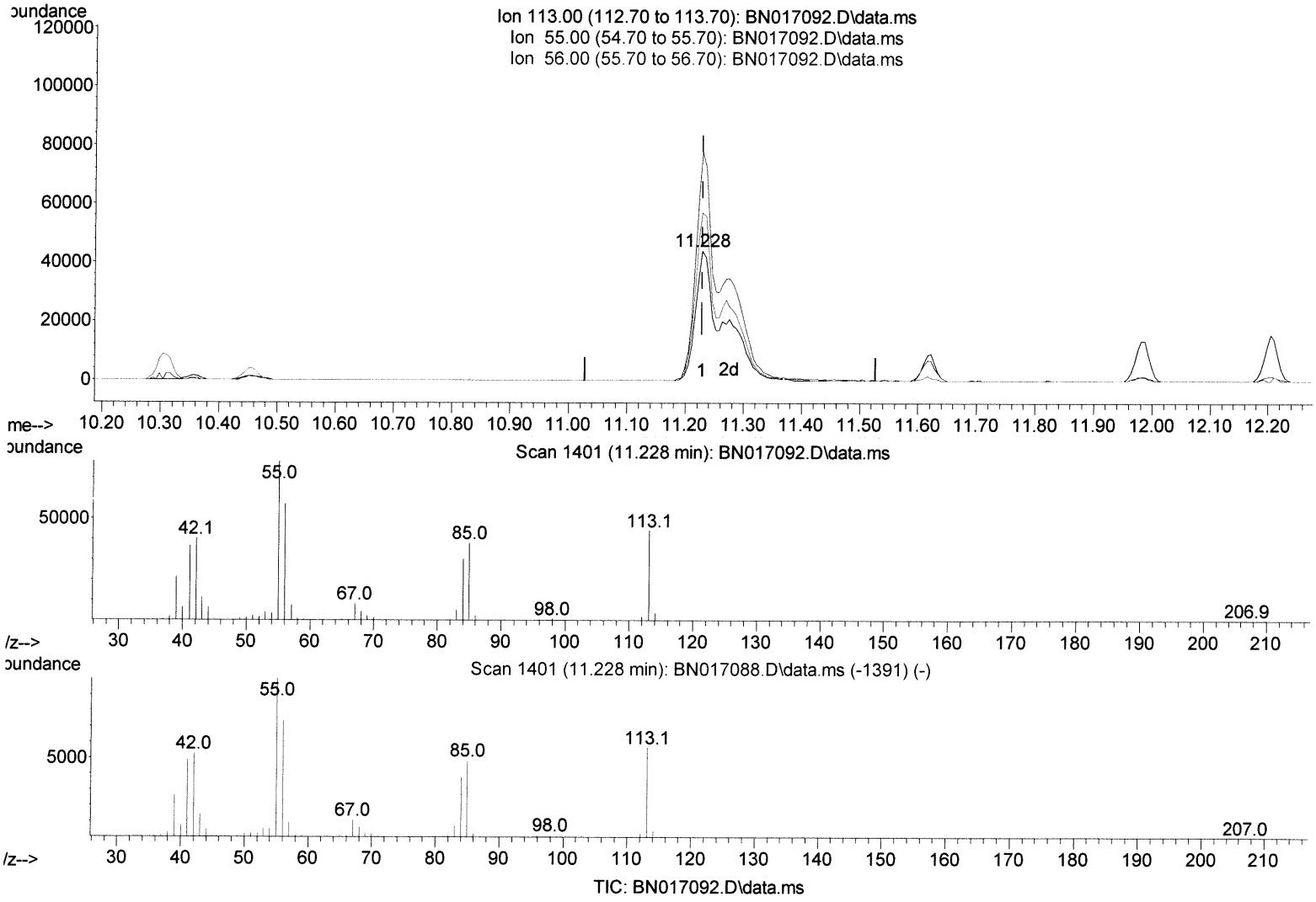

(34) Caprolactam

11.228min (-0.000) 11.10 ng/ul

response 82774

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	176.14
56.00	129.90	129.35
0.00	0.00	0.00

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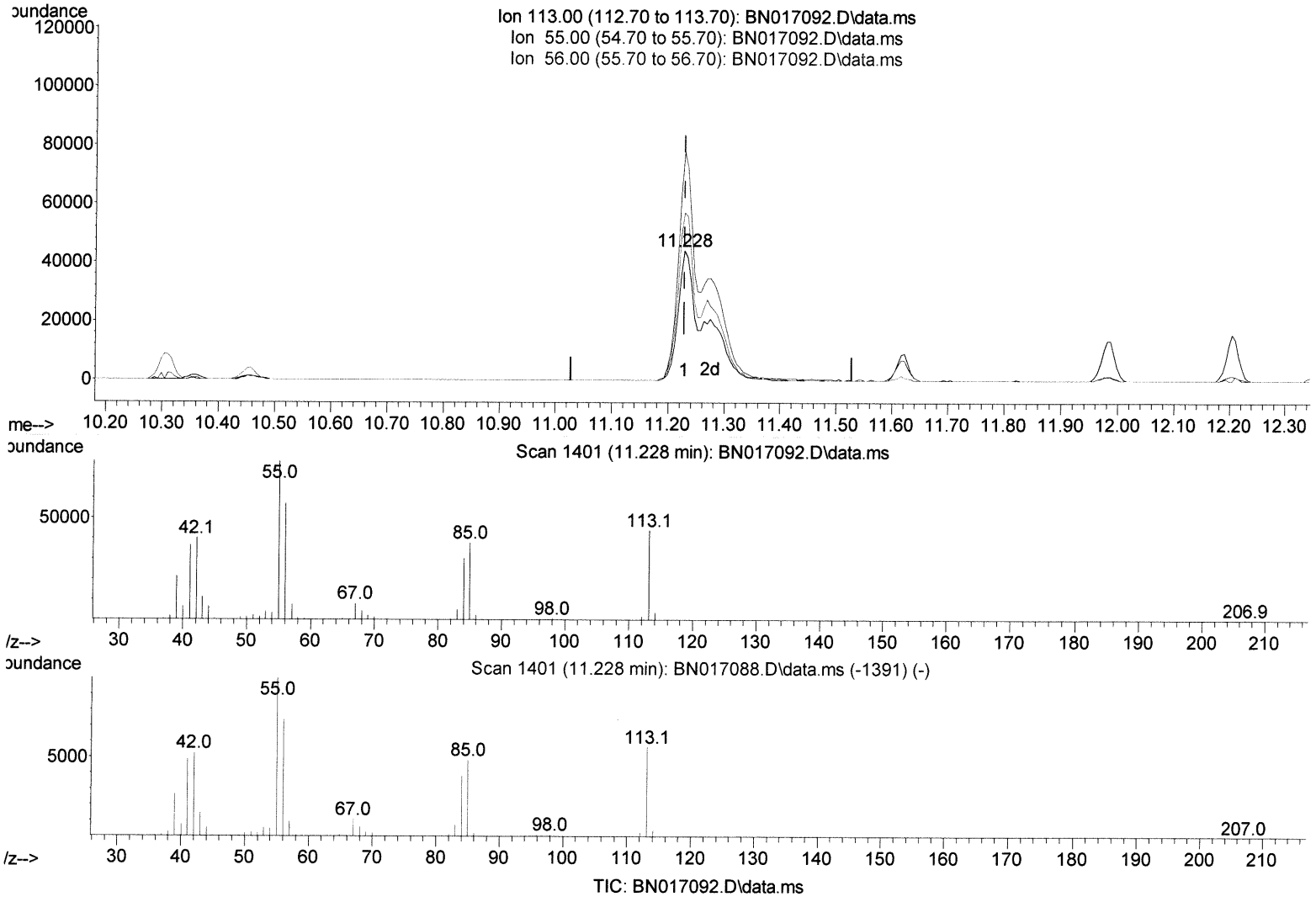

(34) Caprolactam

11.228min (-0.000) 19.29 ng/ul m 10/29/21 JU

response 143910

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	176.14
56.00	129.90	129.35
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	7.534	152	291039	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1328784	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	875774	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1836718	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	1755222	20.000	ng/ul	0.00
88) Perylene-d12	23.374	264	1754943	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	60397	7.517	ng/uL	0.00
4) Pyridine-d5	3.458	84	397508	18.471	ng/ul	0.00
7) Phenol-d5	6.716	99	498848	18.446	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	301759	18.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	403830	18.988	ng/ul	0.00
15) 4-Methylphenol-d8	8.252	113	414463	18.773	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	207419	20.156	ng/ul	0.00
24) 2-Nitrophenol-d4	9.399	143	228540	20.061	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	408076	19.552	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	605974	19.493	ng/ul	0.00
46) Dimethylphthalate-d6	13.616	166	1286018	19.615	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	1632652	19.754	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	253393	19.588	ng/ul	0.00
60) Fluorene-d10	15.192	176	1099413	19.633	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	222675	18.723	ng/ul	0.00
73) Anthracene-d10	17.045	188	1739558	19.617	ng/ul	0.00
81) Pyrene-d10	19.351	212	1968854	19.126	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.233	264	1782957	19.116	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.105	88	59924	7.542	ng/uL	96
5) Pyridine	3.475	79	410416	18.845	ng/ul	99
6) Benzaldehyde	6.681	77	319325	19.817	ng/ul	96
8) Phenol	6.746	94	510918	18.675	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.975	93	405856	18.879	ng/ul	98
12) 2-Chlorophenol	7.099	128	413317	18.792	ng/ul	99
13) 2-Methylphenol	7.987	108	389262	18.701	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.069	45	601510	19.072	ng/ul	99
16) Acetophenone	8.352	105	646490	19.759	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.346	70	323829	19.716	ng/ul	99
18) 4-Methylphenol	8.310	108	438084	19.051	ng/ul	97
19) Hexachloroethane	8.593	117	161402	19.055	ng/ul	97
22) Nitrobenzene	8.728	77	456395	19.723	ng/ul	99
23) Isophorone	9.246	82	927354	19.738	ng/ul	99
25) 2-Nitrophenol	9.434	139	247248	19.933	ng/ul	99
26) 2,4-Dimethylphenol	9.504	107	479984	19.309	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.746	93	580054	19.303	ng/ul	99
29) 2,4-Dichlorophenol	9.963	162	402893	19.436	ng/ul	97
30) Naphthalene	10.357	128	1390018	19.227	ng/ul	99
32) 4-Chloroaniline	10.481	127	612439	19.915	ng/ul	99
33) Hexachlorobutadiene	10.646	225	240350	19.041	ng/ul	96
34) Caprolactam	11.228	113	143910m	19.294	ng/ul	10/29/21 JU
35) 4-Chloro-3-methylphenol	11.616	107	454571	19.710	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.981	142	965061	19.335	ng/ul	99
37) 1-Methylnaphthalene	12.204	142	989122	19.238	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.357	216	486408	19.055	ng/ul	97
40) Hexachlorocyclopentadiene	12.340	237	304265	18.755	ng/ul	96
41) 2,4,6-Trichlorophenol	12.610	196	327545	19.790	ng/ul	99
42) 2,4,5-Trichlorophenol	12.675	196	353087	19.157	ng/ul	99
43) 1,1'-Biphenyl	13.016	154	1289620	19.019	ng/ul	98
44) 2-Chloronaphthalene	13.051	162	978921	18.956	ng/ul	96
45) 2-Nitroaniline	13.269	65	290267	20.648	ng/ul	97
47) Dimethylphthalate	13.663	163	1300880	19.757	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	256317	19.824	ng/ul	100
50) Acenaphthylene	13.904	152	1672176	19.754	ng/ul	97
51) 3-Nitroaniline	14.104	138	286991	19.177	ng/ul	99
52) Acenaphthene	14.257	153	1075528	19.649	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	151455	18.314	ng/ul	95
55) 4-Nitrophenol	14.428	109	181218	19.851	ng/ul	98
56) Dibenzofuran	14.592	168	1515255	19.389	ng/ul	98
57) 2,4-Dinitrotoluene	14.569	165	383538	20.569	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.828	232	299378	19.677	ng/ul	92
59) Diethylphthalate	15.039	149	1306760	19.902	ng/ul	99
61) Fluorene	15.245	166	1238318	20.101	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.251	204	595133	19.646	ng/ul	98
63) 4-Nitroaniline	15.275	138	294680	19.928	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.339	198	228468	19.253	ng/ul	100
67) N-Nitrosodiphenylamine	15.469	169	1091741	19.528	ng/ul	98
68) 4-Bromophenyl-phenylether	16.145	248	364630	18.629	ng/ul	94
69) Hexachlorobenzene	16.251	284	441181	19.370	ng/ul	96
70) Atrazine	16.434	200	399948	19.497	ng/ul	98
71) Pentachlorophenol	16.598	266	254011	18.577	ng/ul	96
72) Phenanthrene	16.986	178	1941154	19.182	ng/ul	98
74) Anthracene	17.081	178	2007451	19.589	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.975	216	505790	18.838	ng/uL	96
76) Pentachlorobenzene	14.510	250	520386	19.139	ng/uL	97
77) Carbazole	17.357	167	1854148	20.492	ng/ul	98
78) Di-n-butylphthalate	17.939	149	2232455	20.873	ng/ul	99
80) Fluoranthene	19.016	202	2268520	18.454	ng/ul	98
82) Pyrene	19.380	202	2340551	18.602	ng/ul	99
83) Butylbenzylphthalate	20.316	149	952643	20.334	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.092	252	774452	19.821	ng/ul	93
85) Benzo(a)anthracene	21.145	228	2302919	19.931	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.104	149	1475673	20.869	ng/ul	100
87) Chrysene	21.198	228	2224916	19.537	ng/ul	99
89) Di-n-octyl phthalate	21.980	149	2411423	18.800	ng/ul	100
90) Benzo(b)fluoranthene	22.710	252	2262656	19.098	ng/ul	98
91) Benzo(k)fluoranthene	22.757	252	2135073	18.526	ng/ul	100
93) Benzo(a)pyrene	23.274	252	2172797	19.059	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.610	276	2173836	18.692	ng/ul	99
95) Dibenzo(a,h)anthracene	25.621	278	1901012	19.338	ng/ul	98
96) Benzo(g,h,i)perylene	26.286	276	1789142	18.373	ng/ul	98

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