Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102621\
Data File : BN017117.D
Acq On : 27 Oct 2021 07:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Oct 27 09:41:14 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
LabSampleId :
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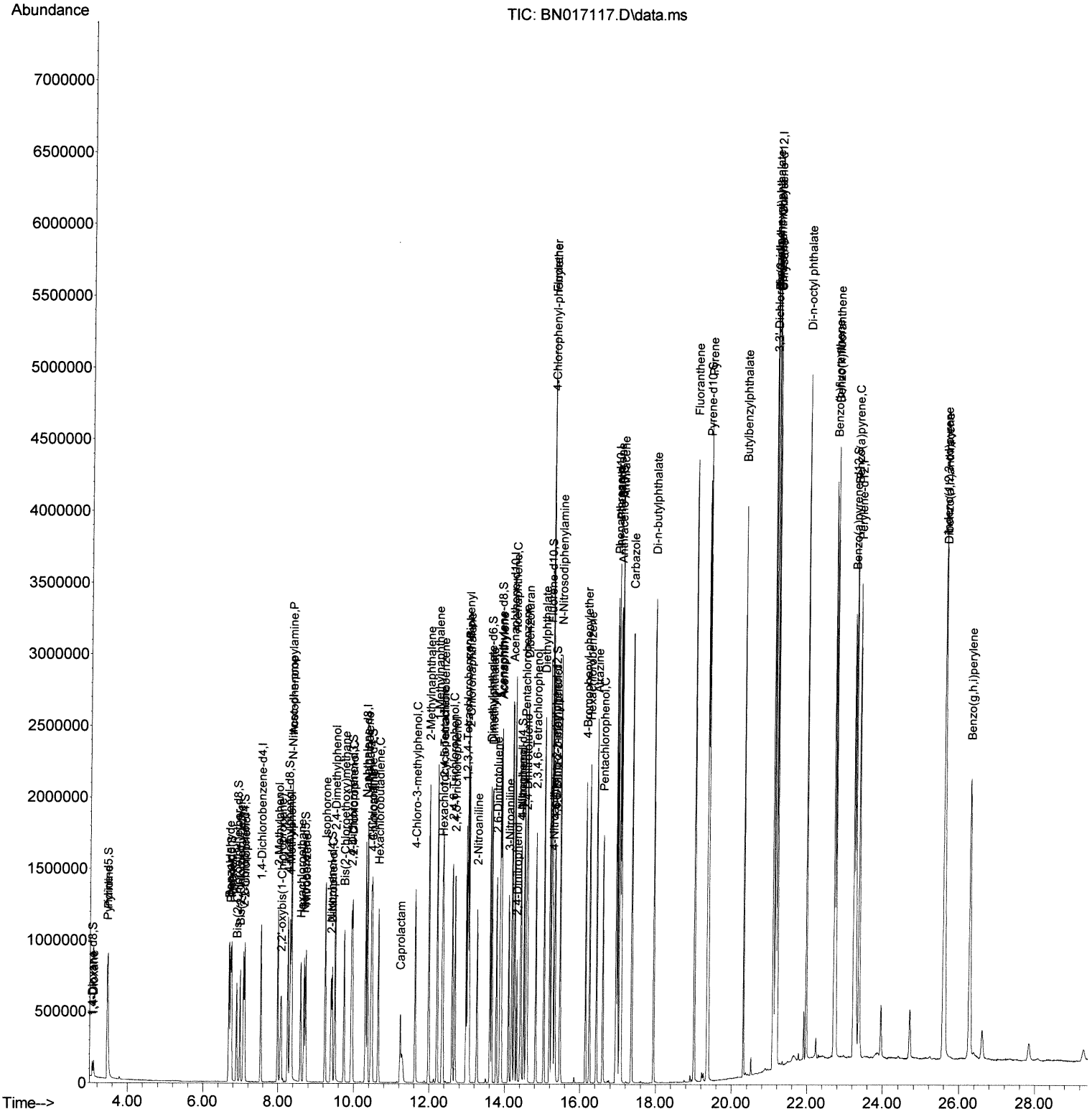

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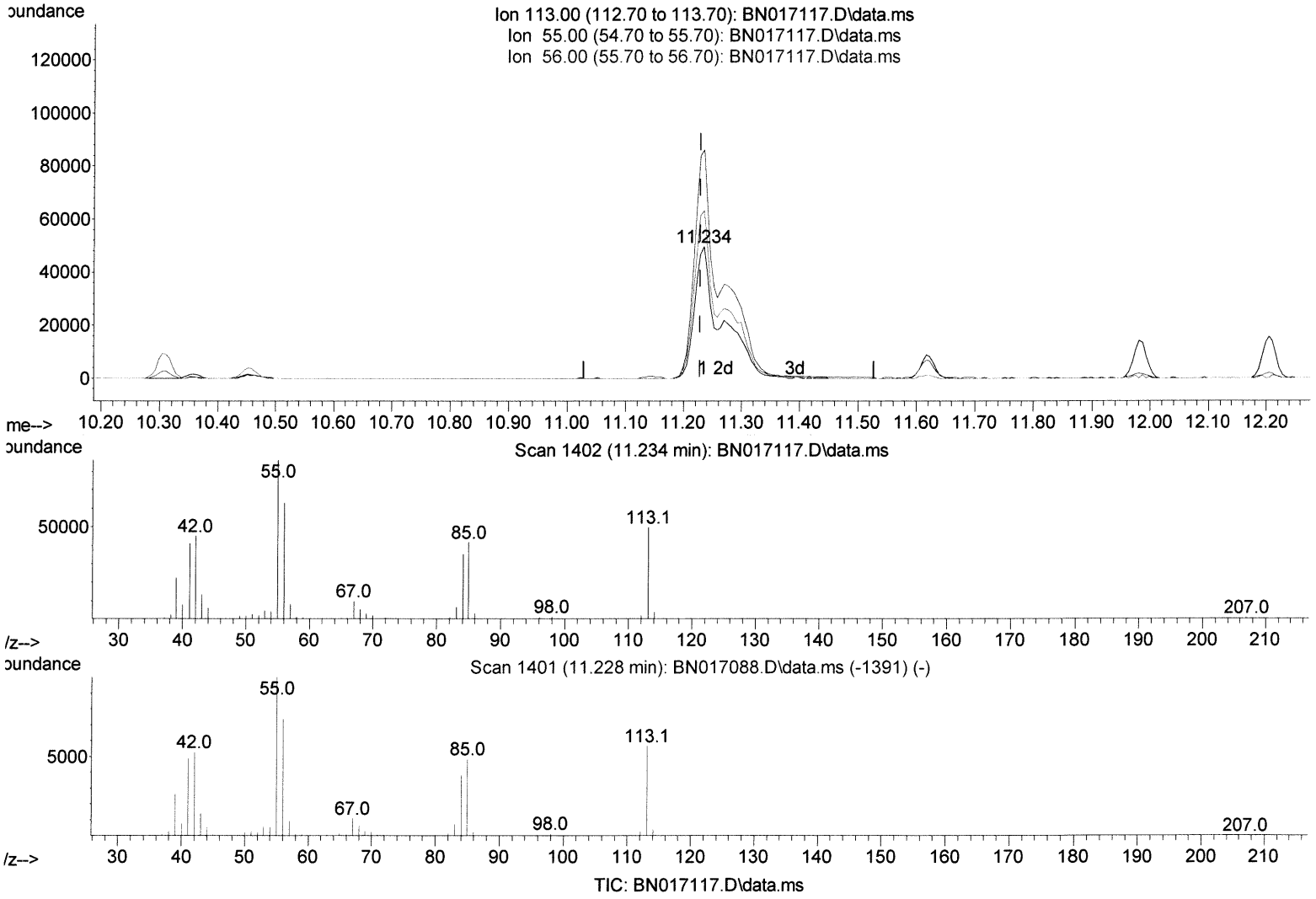

(34) Caprolactam

11.234min (+ 0.006) 12.82 ng/ul

response 98423

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	173.50
56.00	129.90	127.34
0.00	0.00	0.00

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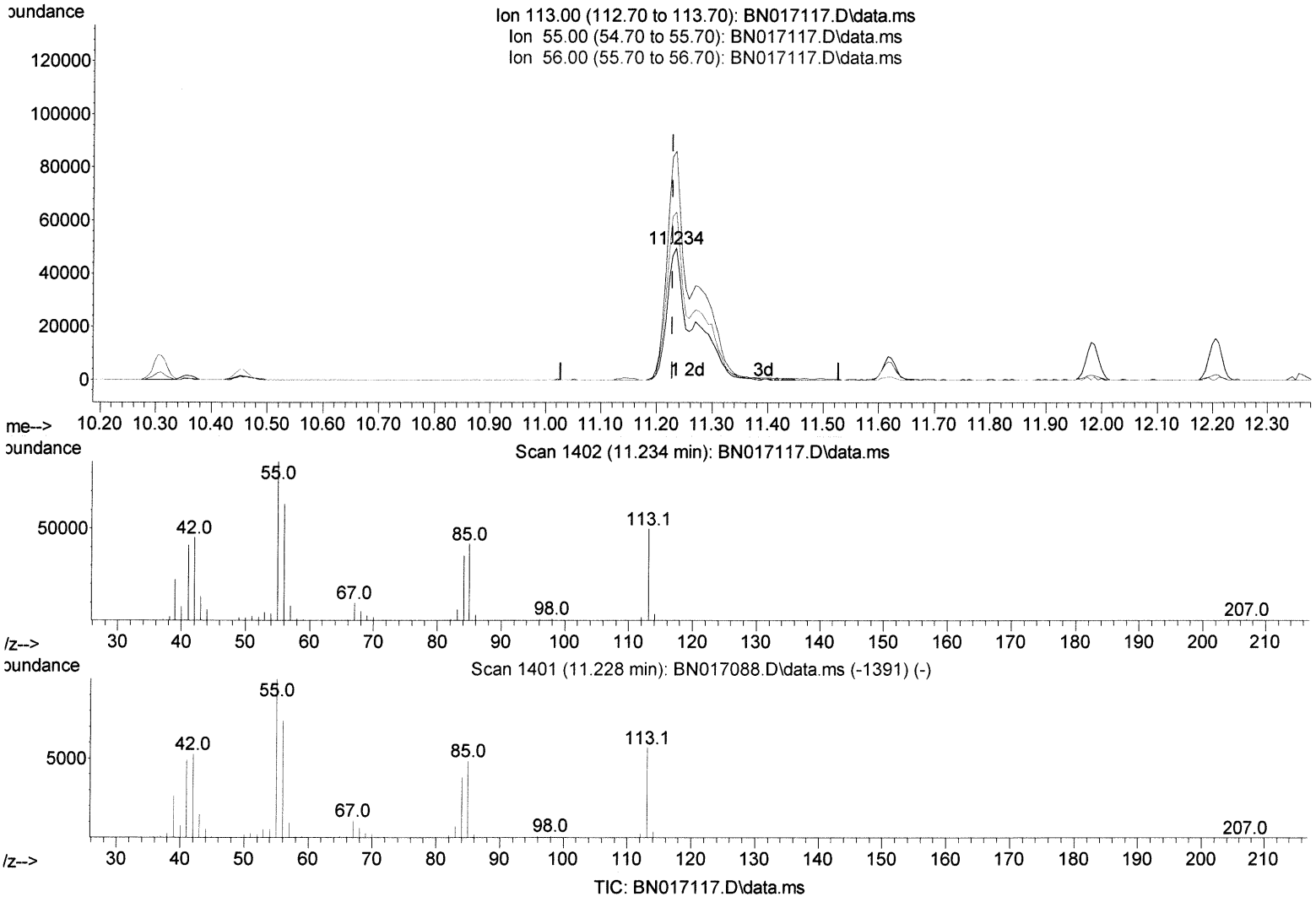

(34) Caprolactam

11.234min (+ 0.006) 20.79 ng/ul m 10/29/21 JU

response 159639

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	173.50
56.00	129.90	127.34
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	283304	20.000	ng/ul	0.00
20) Naphthalene-d8	10.310	136	1367821	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.192	164	921124	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.945	188	1960668	20.000	ng/ul	0.00
79) Chrysene-d12	21.157	240	1999419	20.000	ng/ul	0.00
88) Perylene-d12	23.368	264	2129748	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	53961	6.900	ng/uL	0.00
4) Pyridine-d5	3.458	84	372354	17.775	ng/ul	0.00
7) Phenol-d5	6.722	99	503161	19.113	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.887	67	294783	18.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	405951	19.608	ng/ul	0.00
15) 4-Methylphenol-d8	8.252	113	420911	19.586	ng/ul	0.00
21) Nitrobenzene-d5	8.687	128	209988	19.823	ng/ul	0.00
24) 2-Nitrophenol-d4	9.404	143	239683	20.438	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.940	165	427062	19.877	ng/ul	0.00
31) 4-Chloroaniline-d4	10.457	131	628604	19.644	ng/ul	0.00
46) Dimethylphthalate-d6	13.610	166	1350756	19.588	ng/ul	0.00
49) Acenaphthylene-d8	13.881	160	1693494	19.481	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	276932	20.353	ng/ul	0.00
60) Fluorene-d10	15.192	176	1141815	19.386	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	246041	19.379	ng/ul	0.00
73) Anthracene-d10	17.045	188	1841422	19.453	ng/ul	0.00
81) Pyrene-d10	19.351	212	2155031	18.378	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.227	264	2132466	18.840	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.099	88	51873	6.707	ng/uL	98
5) Pyridine	3.475	79	375204	17.698	ng/ul	99
6) Benzaldehyde	6.687	77	319017	20.338	ng/ul	99
8) Phenol	6.746	94	505407	18.978	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.975	93	400466	19.137	ng/ul	98
12) 2-Chlorophenol	7.099	128	411974	19.243	ng/ul	99
13) 2-Methylphenol	7.987	108	395374	19.513	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.075	45	595679	19.403	ng/ul	100
16) Acetophenone	8.352	105	652622	20.491	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.346	70	332892	20.821	ng/ul	99
18) 4-Methylphenol	8.316	108	441344	19.717	ng/ul	100
19) Hexachloroethane	8.599	117	159223	19.311	ng/ul	95
22) Nitrobenzene	8.728	77	455250	19.112	ng/ul	98
23) Isophorone	9.252	82	956250	19.772	ng/ul	99
25) 2-Nitrophenol	9.434	139	252076	19.742	ng/ul	99
26) 2,4-Dimethylphenol	9.504	107	498116	19.466	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.746	93	586052	18.946	ng/ul	100
29) 2,4-Dichlorophenol	9.963	162	414659	19.433	ng/ul	97
30) Naphthalene	10.357	128	1408591	18.928	ng/ul	99
32) 4-Chloroaniline	10.481	127	633041	19.997	ng/ul	99
33) Hexachlorobutadiene	10.646	225	241120	18.557	ng/ul	98
34) Caprolactam	11.234	113	159639m	20.792	ng/ul	10/29/21 JU
35) 4-Chloro-3-methylphenol	11.622	107	478537	20.157	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.981	142	992388	19.315	ng/ul	99
37) 1-Methylnaphthalene	12.204	142	1014557	19.170	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.357	216	499218	18.594	ng/ul	97
40) Hexachlorocyclopentadiene	12.340	237	307129	17.999	ng/ul	96
41) 2,4,6-Trichlorophenol	12.610	196	344543	19.793	ng/ul	97
42) 2,4,5-Trichlorophenol	12.681	196	384336	19.826	ng/ul	97
43) 1,1'-Biphenyl	13.016	154	1349308	18.920	ng/ul	99
44) 2-Chloronaphthalene	13.051	162	1035799	19.070	ng/ul	98
45) 2-Nitroaniline	13.269	65	309352	20.922	ng/ul	99
47) Dimethylphthalate	13.663	163	1343572	19.400	ng/ul	99
48) 2,6-Dinitrotoluene	13.781	165	276410	20.326	ng/ul	98
50) Acenaphthylene	13.910	152	1725469	19.380	ng/ul	99
51) 3-Nitroaniline	14.104	138	318963	20.264	ng/ul	100
52) Acenaphthene	14.251	153	1117139	19.404	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	167878	19.301	ng/ul	94
55) 4-Nitrophenol	14.428	109	195997	20.413	ng/ul	98
56) Dibenzofuran	14.592	168	1591216	19.358	ng/ul	100
57) 2,4-Dinitrotoluene	14.569	165	406481	20.726	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.822	232	323333	20.205	ng/ul	100
59) Diethylphthalate	15.039	149	1379470	19.975	ng/ul	99
61) Fluorene	15.245	166	1296893	20.016	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.251	204	628610	19.730	ng/ul	97
63) 4-Nitroaniline	15.275	138	342674	22.032	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.334	198	250481	19.774	ng/ul	96
67) N-Nitrosodiphenylamine	15.469	169	1138224	19.072	ng/ul	97
68) 4-Bromophenyl-phenylether	16.145	248	391321	18.729	ng/ul	97
69) Hexachlorobenzene	16.245	284	454944	18.711	ng/ul	99
70) Atrazine	16.434	200	429196	19.600	ng/ul	98
71) Pentachlorophenol	16.598	266	284912	19.519	ng/ul	97
72) Phenanthrene	16.986	178	2120121	19.626	ng/ul	99
74) Anthracene	17.075	178	2159011	19.736	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.975	216	520424	18.157	ng/uL	97
76) Pentachlorobenzene	14.510	250	544356	18.755	ng/uL	92
77) Carbazole	17.357	167	1994706	20.652	ng/ul	99
78) Di-n-butylphthalate	17.939	149	2455076	21.504	ng/ul	99
80) Fluoranthene	19.016	202	2546007	18.182	ng/ul	99
82) Pyrene	19.380	202	2577429	17.982	ng/ul	98
83) Butylbenzylphthalate	20.310	149	1159041	21.718	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.086	252	948793	21.317	ng/ul	95
85) Benzo(a)anthracene	21.145	228	2514221	19.102	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.098	149	1742249	21.630	ng/ul	98
87) Chrysene	21.192	228	2469085	19.033	ng/ul	99
89) Di-n-octyl phthalate	21.974	149	3050347	19.596	ng/ul	100
90) Benzo(b)fluoranthene	22.704	252	2722176	18.933	ng/ul	99
91) Benzo(k)fluoranthene	22.751	252	2540528	18.165	ng/ul	100
93) Benzo(a)pyrene	23.274	252	2591883	18.734	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.592	276	2827330	20.033	ng/ul	99
95) Dibenzo(a,h)anthracene	25.615	278	2402999	20.143	ng/ul	99
96) Benzo(g,h,i)perylene	26.280	276	2358059	19.954	ng/ul	98

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