Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081621\
Data File : BN015888.D
Acq On : 16 Aug 2021 21:47
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 17 01:36:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 16 16:09:12 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

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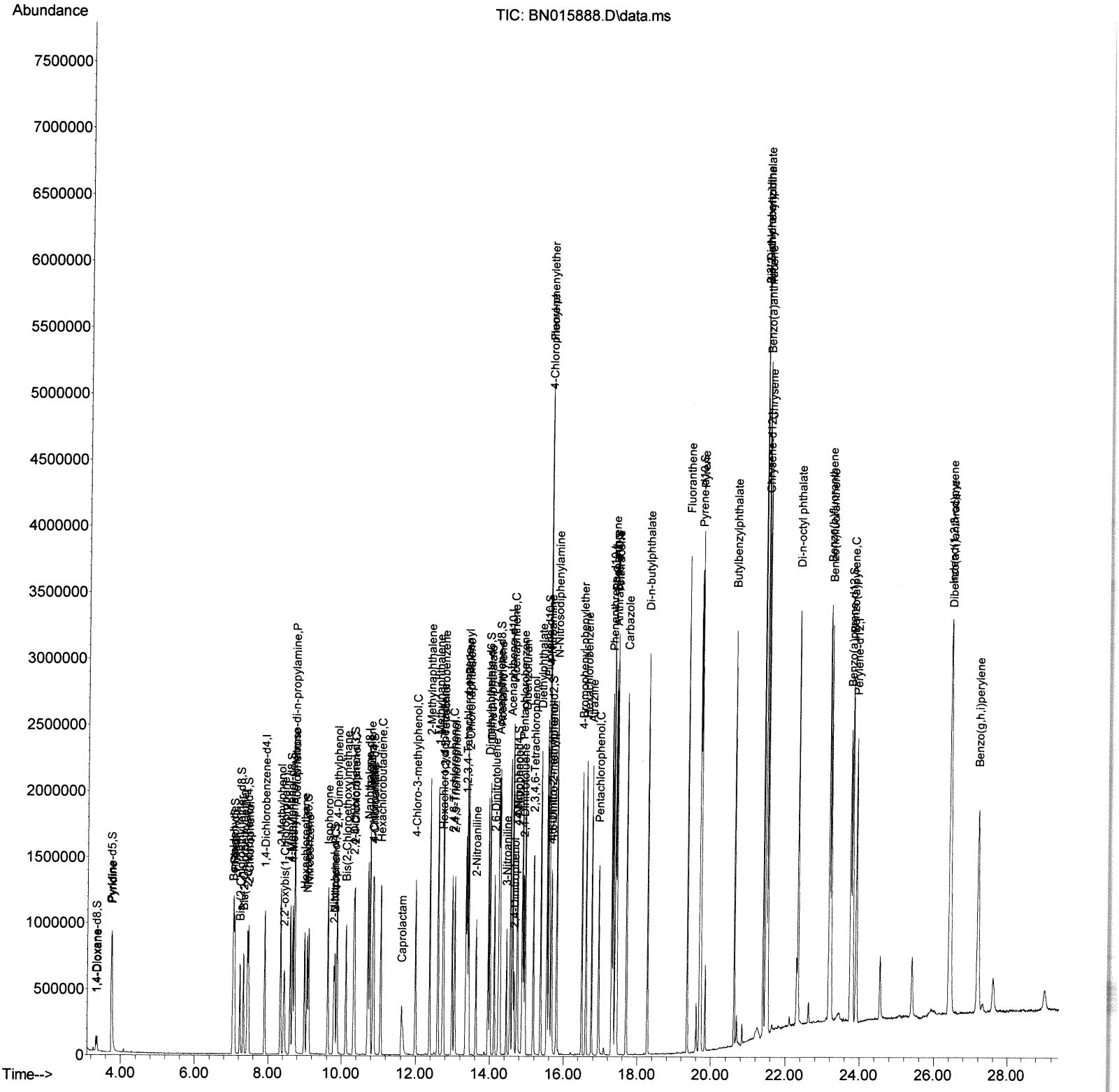

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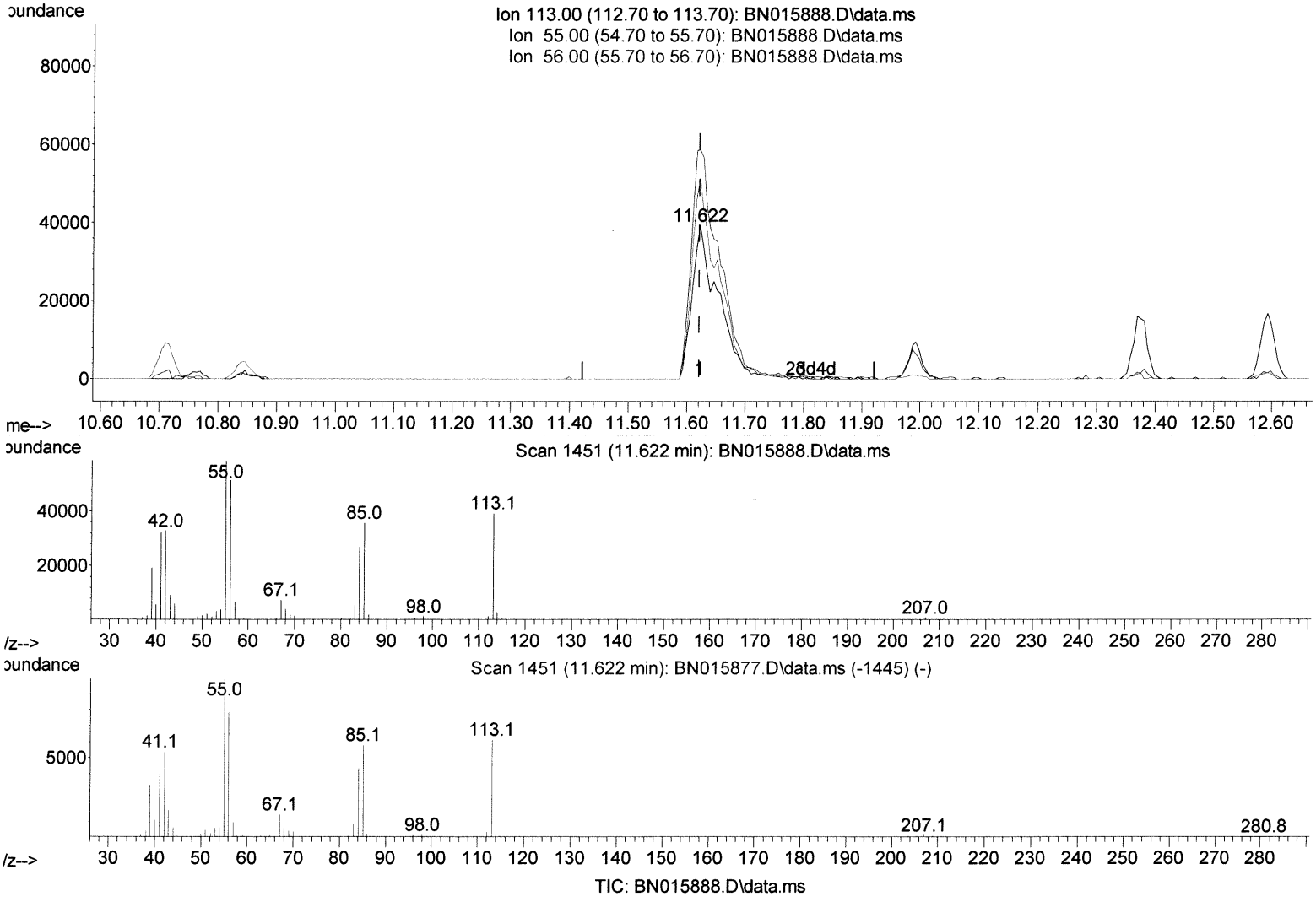

(34) Caprolactam

11.622min (+ 0.000) 13.37 ng/ul

response 73269

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	149.12
56.00	127.80	130.84
0.00	0.00	0.00

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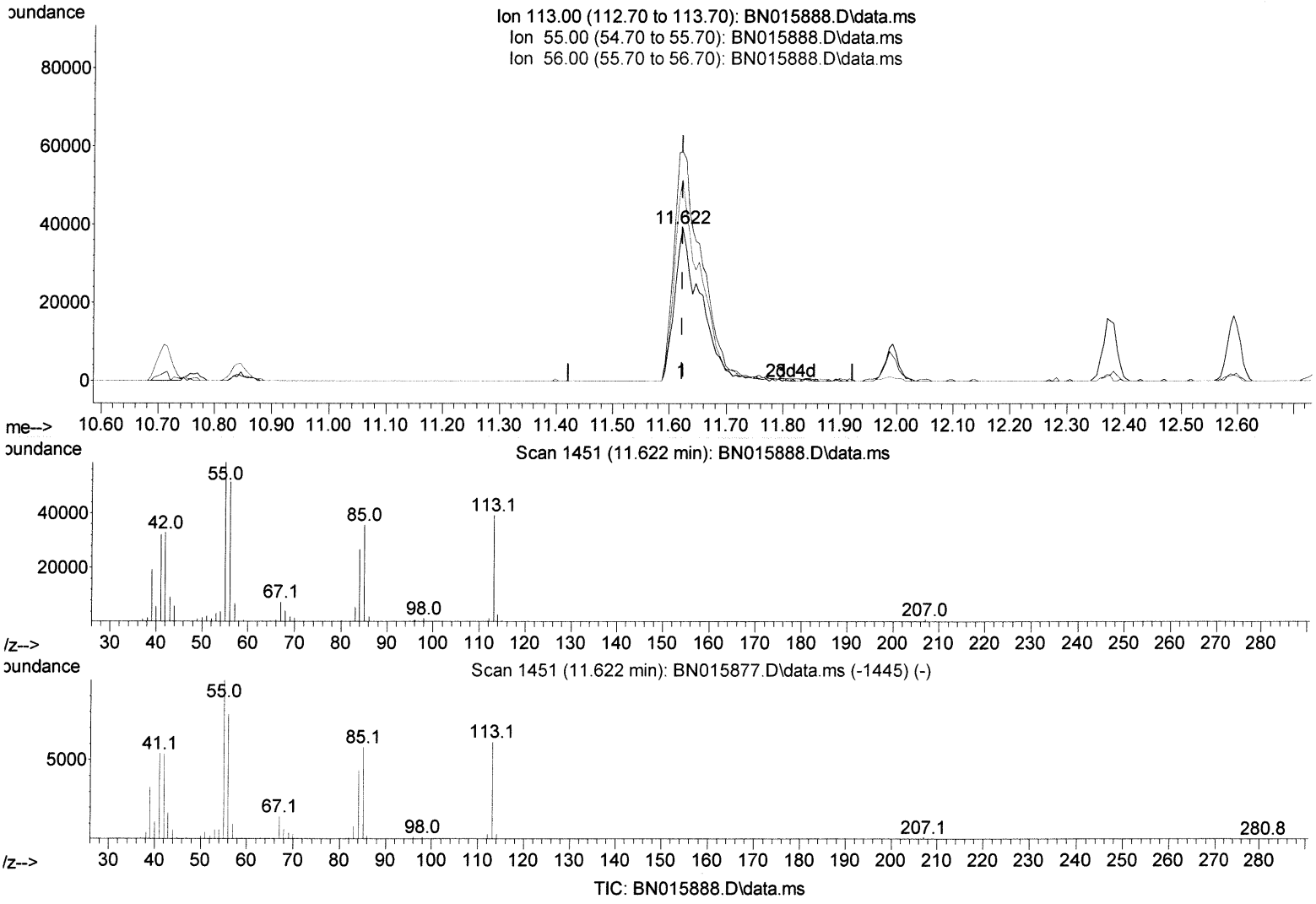

(34) Caprolactam

11.622min (+ 0.000) 22.31 ng/ul m JU 8/19/21

response 122297

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	149.12
56.00	127.80	130.84
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	289270	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	1190365	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	744790	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1608995	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1635034	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	1603249	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	59073	7.955	ng/uL	0.00
4) Pyridine-d5	3.740	84	399020	19.226	ng/ul	0.00
7) Phenol-d5	7.058	99	513795	19.636	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	312592	19.403	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	395562	21.245	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	403659	19.834	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	186144	21.246	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	189420	23.101	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	386169	21.764	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	551154	20.406	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1186754	21.742	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	1417444	20.736	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	207297	21.472	ng/ul	0.00
60) Fluorene-d10	15.540	176	1005935	21.128	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	171937	20.009	ng/ul	0.00
73) Anthracene-d10	17.398	188	1590957	21.096	ng/ul	0.00
81) Pyrene-d10	19.692	212	1815588	20.616	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.751	264	1800101	20.766	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.370	88	58387	7.648	ng/uL	88
5) Pyridine	3.764	79	411384	19.225	ng/ul	95
6) Benzaldehyde	7.040	77	236649	17.577	ng/ul	96
8) Phenol	7.081	94	525727	19.709	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.322	93	427186	20.442	ng/ul	98
12) 2-Chlorophenol	7.463	128	402821	21.048	ng/ul	99
13) 2-Methylphenol	8.340	108	392901	20.108	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.434	45	531572	19.918	ng/ul	97
16) Acetophenone	8.728	105	664516	20.234	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	335227	20.903	ng/ul	97
18) 4-Methylphenol	8.669	108	423161	20.235	ng/ul	91
19) Hexachloroethane	8.987	117	183800	21.149	ng/ul	92
22) Nitrobenzene	9.105	77	534393	21.571	ng/ul	98
23) Isophorone	9.628	82	932110	21.627	ng/ul	97
25) 2-Nitrophenol	9.822	139	210468	23.537	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	502667	21.046	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.122	93	571121	21.574	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	384382	21.972	ng/ul	98
30) Naphthalene	10.763	128	1362002	21.363	ng/ul	99
32) 4-Chloroaniline	10.869	127	548680	20.576	ng/ul	98
33) Hexachlorobutadiene	11.052	225	293626	21.844	ng/ul	96
34) Caprolactam	11.622	113	122297m	22.312	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	464692	22.425	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	925738	20.881	ng/ul	96
37) 1-Methylnaphthalene	12.593	142	911419	20.654	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.746	216	513869	21.327	ng/ul	97
40) Hexachlorocyclopentadiene	12.722	237	315384	20.190	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	298779	22.678	ng/ul	97
42) 2,4,5-Trichlorophenol	13.046	196	320182	22.260	ng/ul	97
43) 1,1'-Biphenyl	13.387	154	1201909	20.869	ng/ul	96
44) 2-Chloronaphthalene	13.428	162	970205	21.817	ng/ul	96
45) 2-Nitroaniline	13.622	65	288656	22.908	ng/ul	97
47) Dimethylphthalate	14.004	163	1212177	22.403	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	240700	24.564	ng/ul	91
50) Acenaphthylene	14.269	152	1437109	22.116	ng/ul	99
51) 3-Nitroaniline	14.445	138	199836	18.967	ng/ul	98
52) Acenaphthene	14.616	153	1020888	21.720	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	115892	21.285	ng/ul	92
55) 4-Nitrophenol	14.745	109	210750	22.310	ng/ul	89
56) Dibenzofuran	14.945	168	1401757	21.572	ng/ul	95
57) 2,4-Dinitrotoluene	14.910	165	345634	24.489	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.175	232	288025	24.199	ng/ul	99
59) Diethylphthalate	15.369	149	1256294	23.219	ng/ul	99
61) Fluorene	15.598	166	1159130	21.860	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.592	204	608873	22.020	ng/ul	98
63) 4-Nitroaniline	15.610	138	212618	21.062	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.669	198	192762	22.554	ng/ul#	99
67) N-Nitrosodiphenylamine	15.804	169	976134	20.785	ng/ul	97
68) 4-Bromophenyl-phenylether	16.487	248	375462	21.746	ng/ul	98
69) Hexachlorobenzene	16.604	284	453452	22.474	ng/ul	93
70) Atrazine	16.757	200	381265	22.382	ng/ul	96
71) Pentachlorophenol	16.945	266	238228	21.046	ng/ul	97
72) Phenanthrene	17.339	178	1928296	22.045	ng/ul	99
74) Anthracene	17.434	178	1938417	21.706	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	500835	19.762	ng/uL	95
76) Pentachlorobenzene	14.869	250	502946	20.387	ng/uL	98
77) Carbazole	17.698	167	1679689	21.393	ng/ul	99
78) Di-n-butylphthalate	18.269	149	2073590	23.228	ng/ul	100
80) Fluoranthene	19.357	202	2235840	20.983	ng/ul	99
82) Pyrene	19.722	202	2372616	21.394	ng/ul#	95
83) Butylbenzylphthalate	20.622	149	885012	23.731	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.398	252	642057	19.177	ng/ul	98
85) Benzo(a)anthracene	21.469	228	2237894	21.273	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1346733	22.770	ng/ul	94
87) Chrysene	21.522	228	2164285	21.249	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2173125	21.416	ng/ul	100
90) Benzo(b)fluoranthene	23.169	252	2263571	21.475	ng/ul	99
91) Benzo(k)fluoranthene	23.216	252	2166163	20.641	ng/ul	99
93) Benzo(a)pyrene	23.798	252	2038786	21.368	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	2497359	21.109	ng/ul	98
95) Dibenzo(a,h)anthracene	26.439	278	2093454	21.434	ng/ul	99
96) Benzo(g,h,i)perylene	27.192	276	2055573	21.014	ng/ul	98

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