Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082021\
Data File : BN015988.D
Acq On : 20 Aug 2021 16:32
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 18:20:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 20 04:24:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTDCCC020

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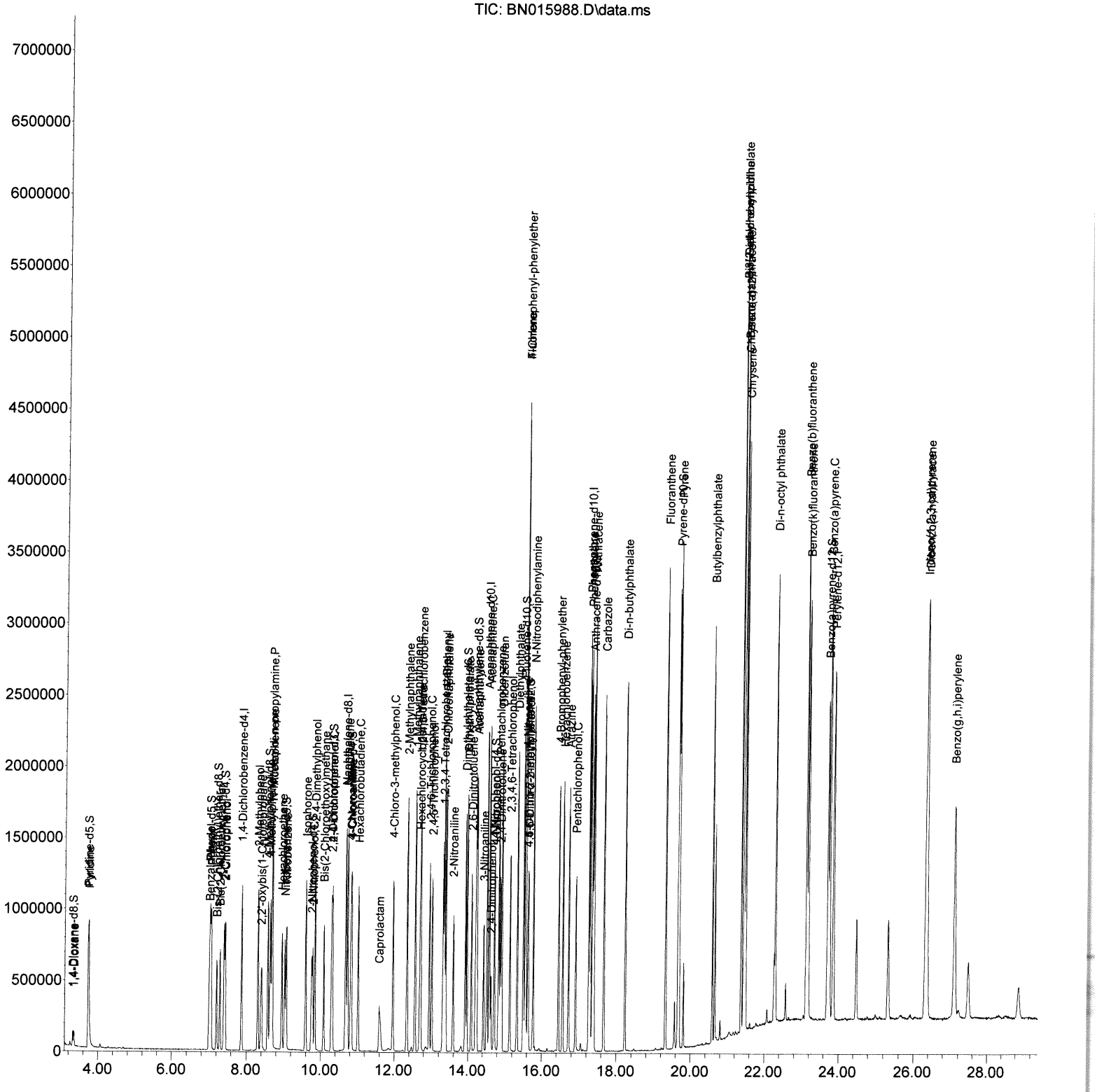
TIC: BN015988.D\data.ms



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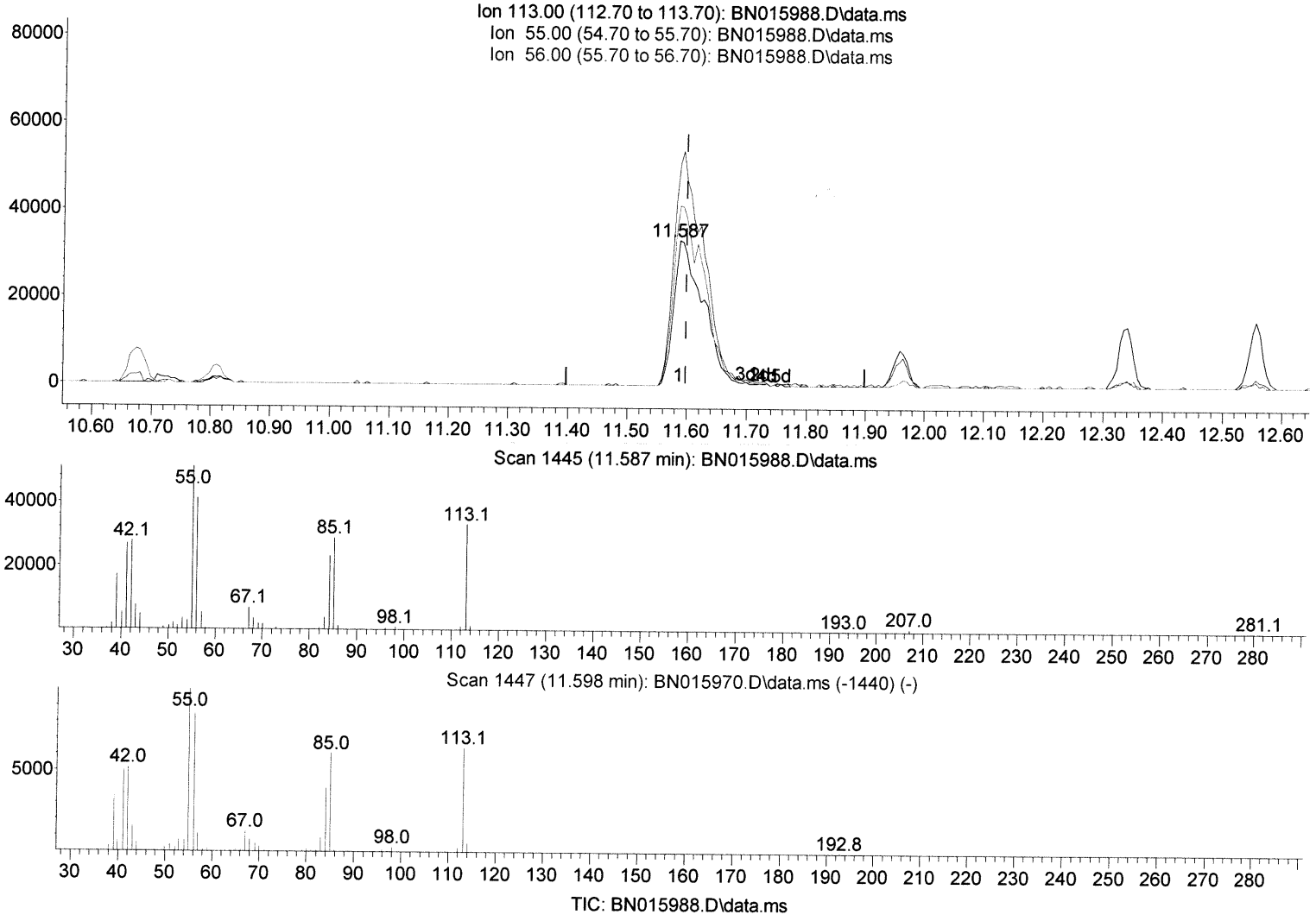

(34) Caprolactam

11.587min (-0.012) 14.62 ng/ul

response 84612

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	153.33
56.00	127.80	124.01
0.00	0.00	0.00

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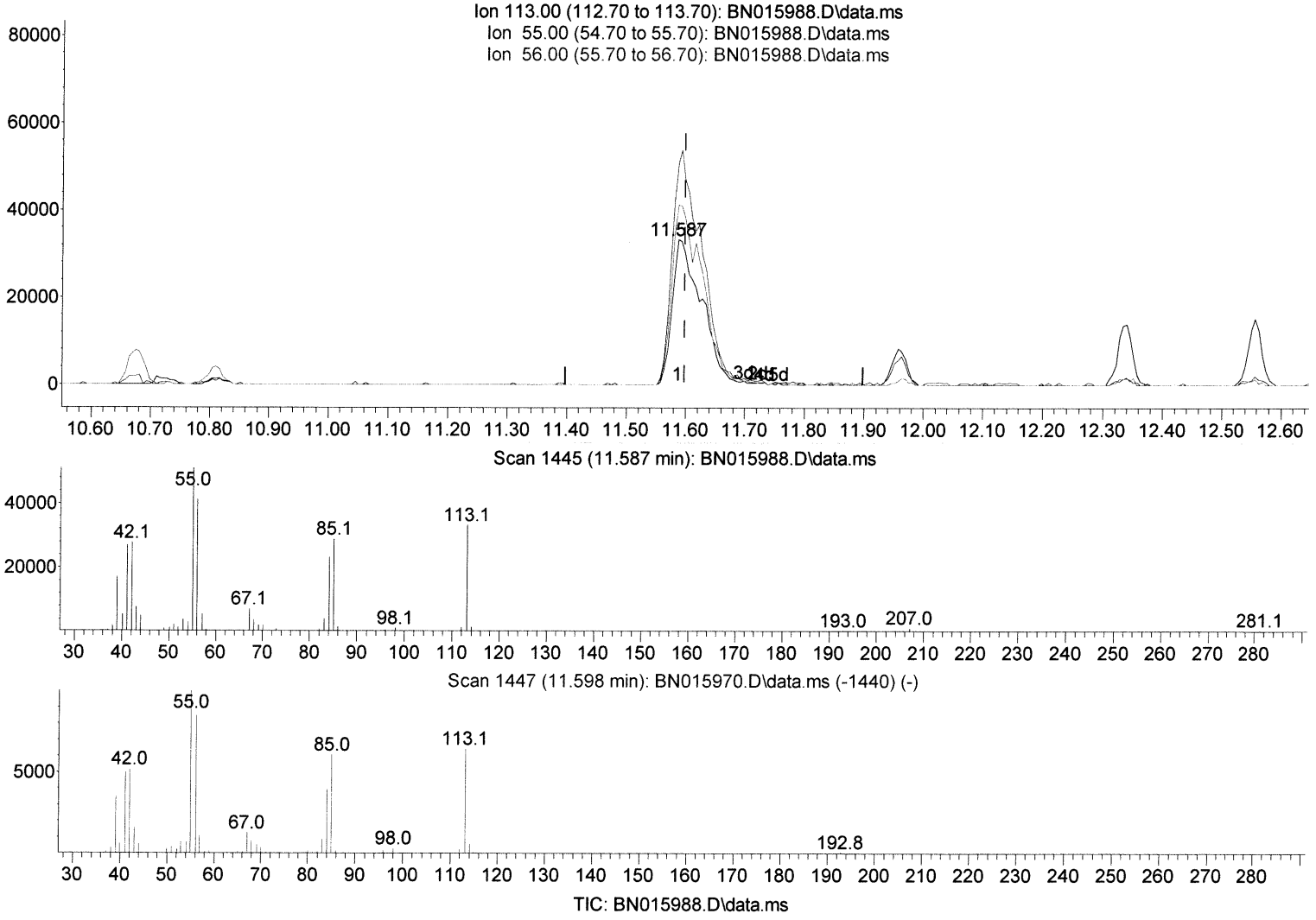

(34) Caprolactam

11.587min (-0.012) 19.57 ng/ul m JU 8/24/21

response 113263

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	153.33
56.00	127.80	124.01
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	7.869	152	307709	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	1257150	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	792801	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1705388	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	1791626	20.000	ng/ul	0.00
88) Perylene-d12	23.851	264	1862137	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	54584	6.910	ng/uL	0.00
4) Pyridine-d5	3.728	84	380977	17.256	ng/ul	0.00
7) Phenol-d5	7.028	99	489815	17.598	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	291874	17.031	ng/ul	0.00
11) 2-Chlorophenol-d4	7.399	132	366571	18.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	380719	17.586	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	181176	19.581	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	180530	20.847	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	355873	18.991	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	501725	17.589	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1072106	18.452	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1259178	17.305	ng/ul	0.00
54) 4-Nitrophenol-d4	14.704	143	193962	18.874	ng/ul	0.00
60) Fluorene-d10	15.504	176	910059	17.956	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	166809	18.315	ng/ul	0.00
73) Anthracene-d10	17.357	188	1399395	17.507	ng/ul	0.00
81) Pyrene-d10	19.651	212	1623059	16.819	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.692	264	1793970	17.818	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	58562	7.212	ng/uL	96
5) Pyridine	3.746	79	397126	17.447	ng/ul	97
6) Benzaldehyde	7.010	77	215236	15.029	ng/ul	96
8) Phenol	7.057	94	510209	17.981	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.293	93	395765	17.803	ng/ul	97
12) 2-Chlorophenol	7.434	128	375359	18.438	ng/ul	97
13) 2-Methylphenol	8.310	108	370802	17.840	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.399	45	496509	17.490	ng/ul	97
16) Acetophenone	8.693	105	613914	17.573	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.681	70	313295	18.364	ng/ul	98
18) 4-Methylphenol	8.640	108	402509	18.094	ng/ul	97
19) Hexachloroethane	8.951	117	169818	18.369	ng/ul	94
22) Nitrobenzene	9.075	77	499746	19.101	ng/ul	98
23) Isophorone	9.599	82	854874	18.781	ng/ul	100
25) 2-Nitrophenol	9.787	139	203477	21.547	ng/ul	98
26) 2,4-Dimethylphenol	9.846	107	459918	18.233	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.087	93	518276	18.538	ng/ul	98
29) 2,4-Dichlorophenol	10.316	162	350500	18.971	ng/ul	98
30) Naphthalene	10.728	128	1246556	18.514	ng/ul	98
32) 4-Chloroaniline	10.834	127	491963	17.469	ng/ul	96
33) Hexachlorobutadiene	11.016	225	260212	18.330	ng/ul	100
34) Caprolactam	11.587	113	113263m	19.566	ng/ul	96
35) 4-Chloro-3-methylphenol	11.957	107	418330	19.115	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	840439	17.950	ng/ul	98
37) 1-Methylnaphthalene	12.557	142	802570	17.221	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	468173	18.254	ng/ul	96
40) Hexachlorocyclopentadiene	12.687	237	271250	16.313	ng/ul	98
41) 2,4,6-Trichlorophenol	12.945	196	283899	20.244	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	310542	20.282	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	1101196	17.963	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	862517	18.221	ng/ul	98
45) 2-Nitroaniline	13.587	65	273219	20.370	ng/ul	93
47) Dimethylphthalate	13.969	163	1076076	18.683	ng/ul	98
48) 2,6-Dinitrotoluene	14.087	165	217728	20.874	ng/ul	89
50) Acenaphthylene	14.234	152	1279423	18.497	ng/ul	99
51) 3-Nitroaniline	14.416	138	186910	16.666	ng/ul	100
52) Acenaphthene	14.575	153	921920	18.427	ng/ul	96
53) 2,4-Dinitrophenol	14.622	184	102286	17.649	ng/ul	93
55) 4-Nitrophenol	14.722	109	183581	18.257	ng/ul	96
56) Dibenzofuran	14.910	168	1284438	18.569	ng/ul	99
57) 2,4-Dinitrotoluene	14.875	165	314431	20.929	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.139	232	262428	20.714	ng/ul	96
59) Diethylphthalate	15.334	149	1111027	19.291	ng/ul	100
61) Fluorene	15.557	166	1060368	18.786	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	547828	18.612	ng/ul	92
63) 4-Nitroaniline	15.575	138	190877	17.763	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.633	198	173935	19.201	ng/ul#	99
67) N-Nitrosodiphenylamine	15.769	169	865266	17.383	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	339035	18.526	ng/ul	96
69) Hexachlorobenzene	16.569	284	404938	18.935	ng/ul	95
70) Atrazine	16.722	200	333399	18.466	ng/ul	98
71) Pentachlorophenol	16.910	266	204009	17.004	ng/ul	96
72) Phenanthrene	17.298	178	1712923	18.476	ng/ul	99
74) Anthracene	17.392	178	1770128	18.702	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	454951	16.936	ng/uL	97
76) Pentachlorobenzene	14.834	250	463882	17.741	ng/uL	93
77) Carbazole	17.663	167	1490979	17.916	ng/ul	98
78) Di-n-butylphthalate	18.233	149	1860449	19.662	ng/ul	99
80) Fluoranthene	19.322	202	2082337	17.835	ng/ul	99
82) Pyrene	19.680	202	2184850	17.979	ng/ul	99
83) Butylbenzylphthalate	20.586	149	831059	20.337	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.368	252	645255	17.588	ng/ul	99
85) Benzo(a)anthracene	21.433	228	2097278	18.194	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.368	149	1236453	19.078	ng/ul	98
87) Chrysene	21.486	228	2068569	18.534	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	2079396	17.643	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	2281024	18.632	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	2110644	17.316	ng/ul	96
93) Benzo(a)pyrene	23.745	252	2007628	18.116	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.339	276	2501824	18.207	ng/ul	98
95) Dibenzo(a,h)anthracene	26.356	278	2106085	18.565	ng/ul	99
96) Benzo(g,h,i)perylene	27.103	276	2075562	18.269	ng/ul	99

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