Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081721\
Data File : BN015973.D
Acq On : 19 Aug 2021 16:03
Operator : CG/JU
Sample : PB138538BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 19 17:17:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 19 15:06:19 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS538

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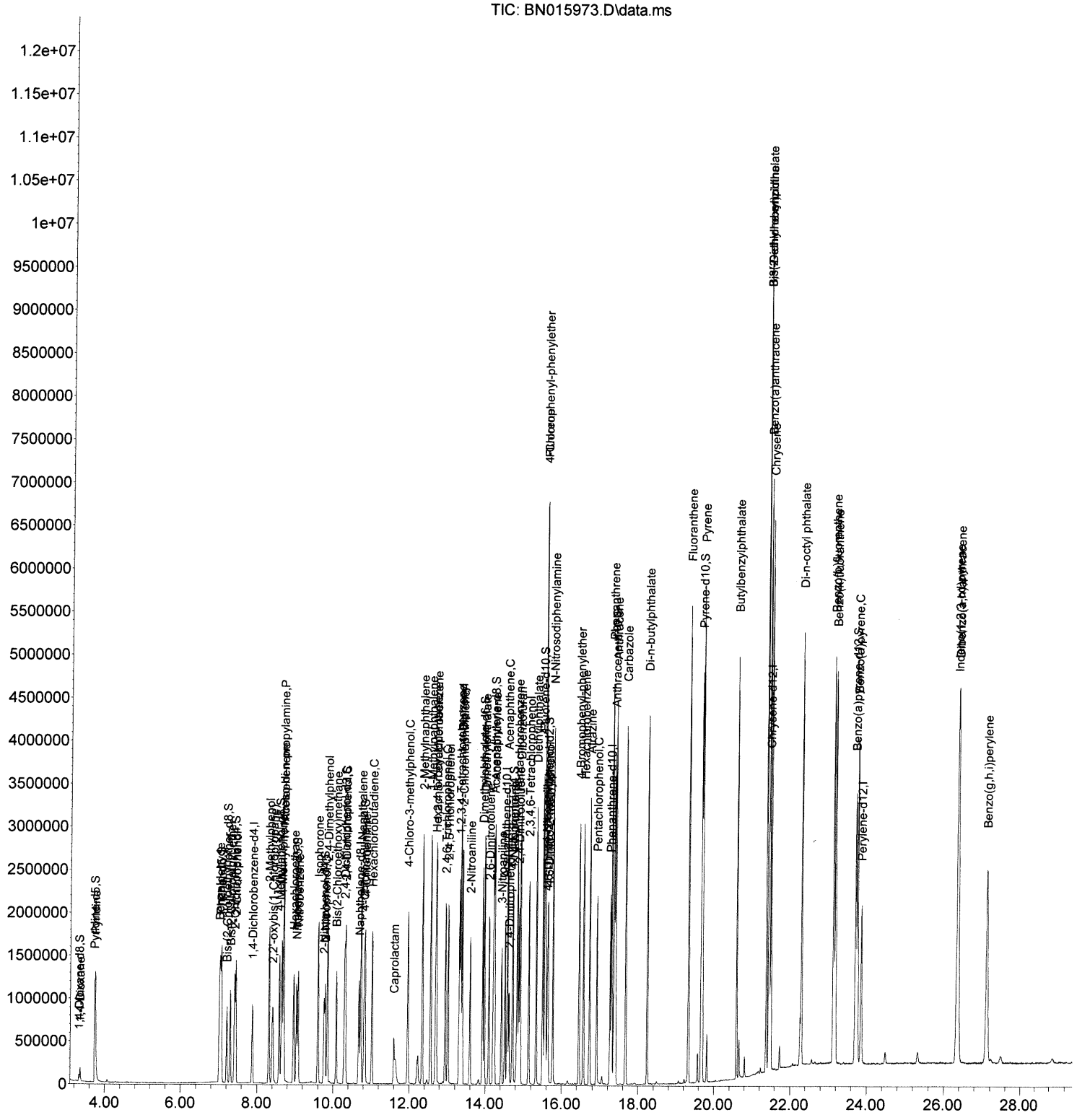
TIC: BN015973.D\data.ms



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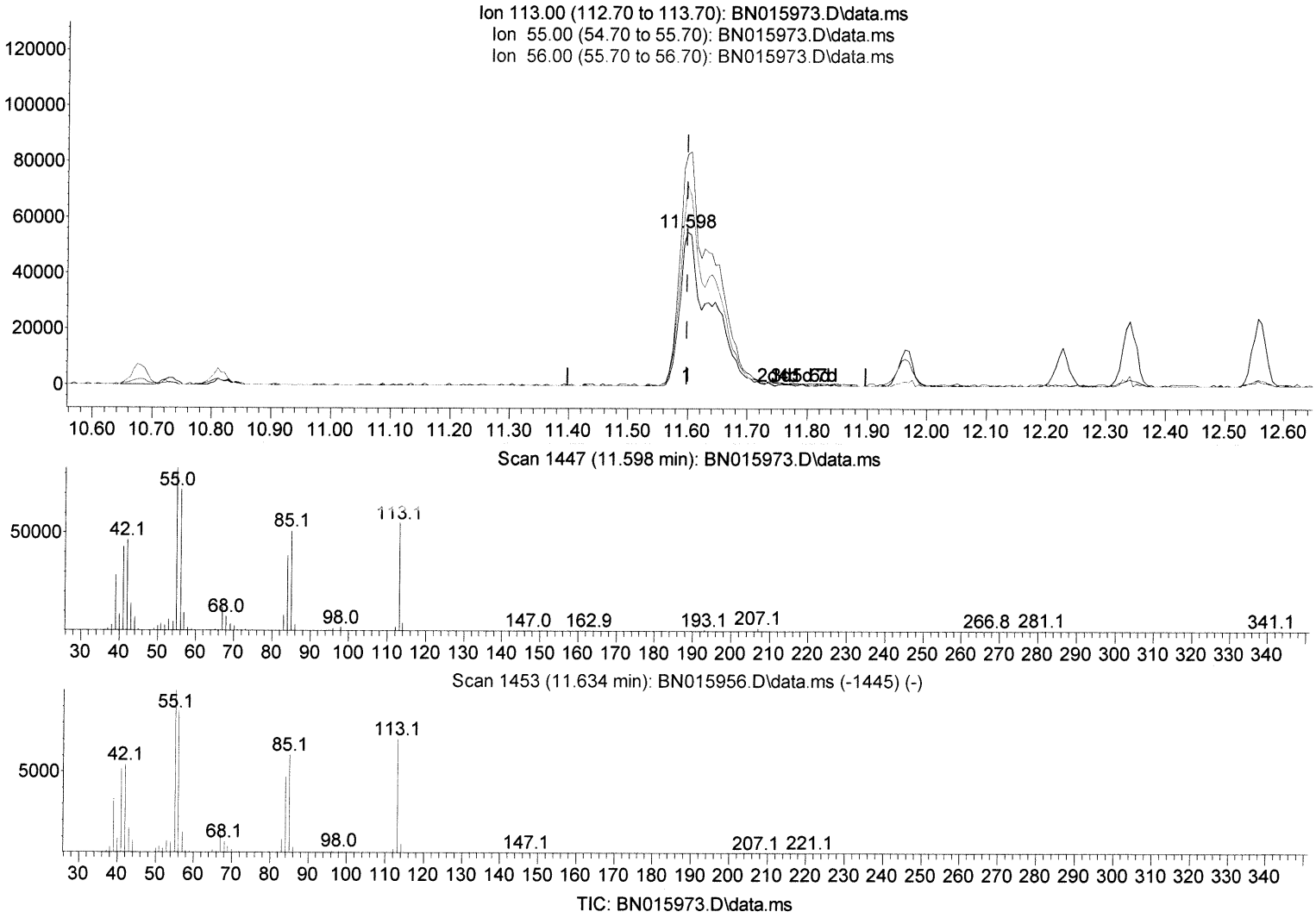

(34) Caprolactam

11.598min (+ 0.000) 24.61 ng/ul

response 113091

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	150.43
56.00	127.80	130.51
0.00	0.00	0.00

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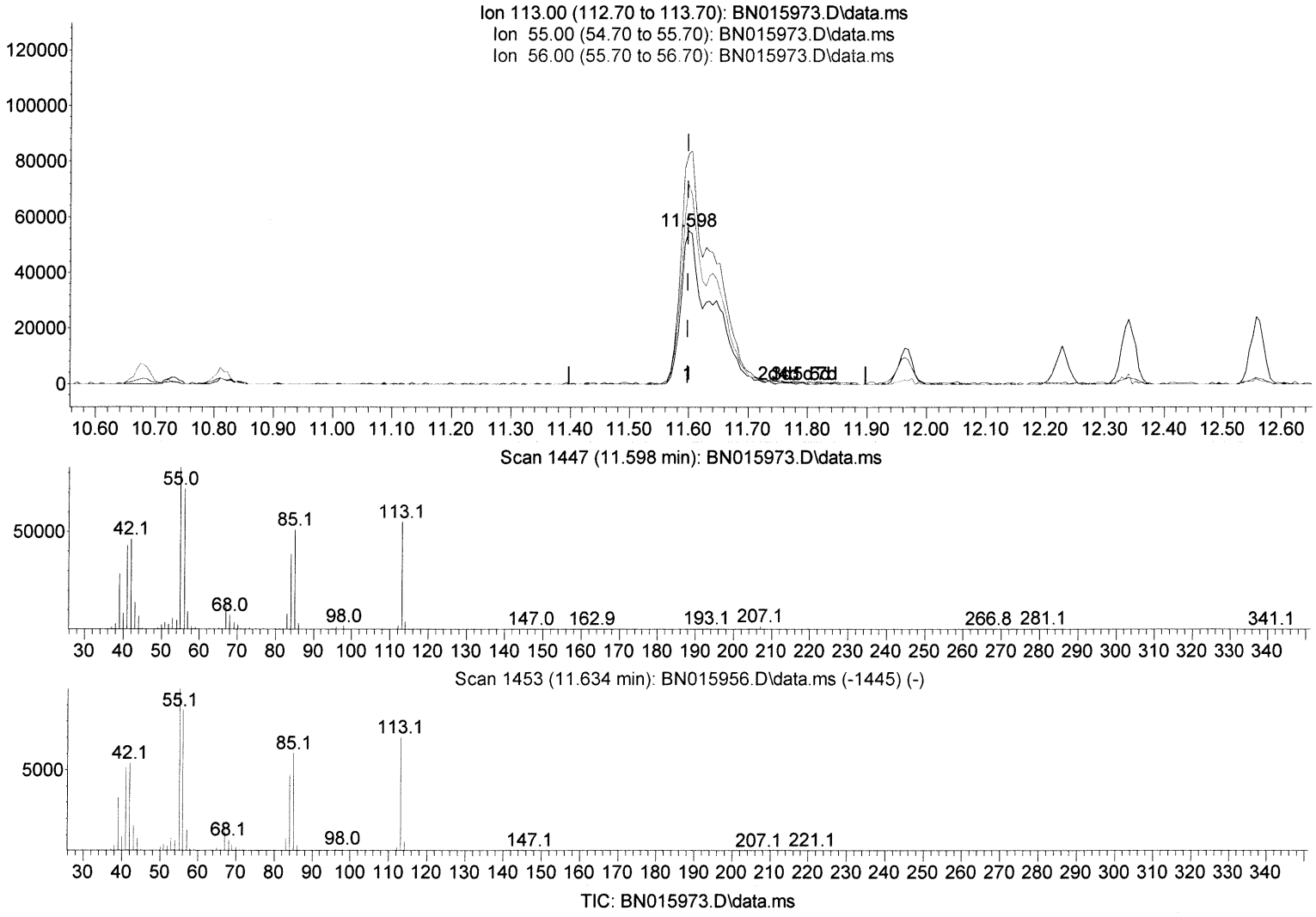

(34) Caprolactam

11.598min (+ 0.000) 43.16 ng/ul m JU 8/20/21

response 198321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	150.43
56.00	127.80	130.51
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	7.875	152	238911	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	997876	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	653458	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.257	188	1381103	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	1395663	20.000	ng/ul	0.00
88) Perylene-d12	23.857	264	1352211	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	39430	6.429	ng/uL	0.00
4) Pyridine-d5	3.728	84	542149	31.628	ng/ul	0.00
7) Phenol-d5	7.040	99	709573	32.834	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	407321	30.612	ng/ul	0.00
11) 2-Chlorophenol-d4	7.405	132	533844	34.716	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	558747	33.242	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	258971	35.261	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	283488	41.242	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	542385	36.464	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	688300	30.400	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1662382	34.712	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	2016612	33.624	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	307097	36.256	ng/ul	0.00
60) Fluorene-d10	15.504	176	1383223	33.112	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	287772	39.016	ng/ul	0.00
73) Anthracene-d10	17.363	188	2232434	34.486	ng/ul	0.00
81) Pyrene-d10	19.657	212	2538774	33.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.698	264	2522021	34.495	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	84056	13.332	ng/uL	88
5) Pyridine	3.752	79	580316	32.837	ng/ul	96
6) Benzaldehyde	7.016	77	434023	39.033	ng/ul	96
8) Phenol	7.063	94	804277	36.507	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.299	93	599552	34.737	ng/ul	95
12) 2-Chlorophenol	7.440	128	597870	37.825	ng/ul	99
13) 2-Methylphenol	8.316	108	589146	36.507	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.410	45	732208	33.219	ng/ul	97
16) Acetophenone	8.699	105	948860	34.982	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.687	70	505801	38.186	ng/ul	98
18) 4-Methylphenol	8.646	108	626958	36.300	ng/ul	88
19) Hexachloroethane	8.957	117	257193	35.832	ng/ul	95
22) Nitrobenzene	9.081	77	747367	35.987	ng/ul	98
23) Isophorone	9.604	82	1343036	37.172	ng/ul	99
25) 2-Nitrophenol	9.793	139	331055	44.165	ng/ul	98
26) 2,4-Dimethylphenol	9.851	107	720537	35.988	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.087	93	786199	35.427	ng/ul	99
29) 2,4-Dichlorophenol	10.322	162	575164	39.219	ng/ul	99
30) Naphthalene	10.728	128	1885981	35.289	ng/ul	99
32) 4-Chloroaniline	10.840	127	748039	33.464	ng/ul	99
33) Hexachlorobutadiene	11.016	225	391385	34.733	ng/ul	97
34) Caprolactam	11.598	113	198321m	43.161	ng/ul	98
35) 4-Chloro-3-methylphenol	11.963	107	697878	40.174	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	1334341	35.903	ng/ul	99
37) 1-Methylnaphthalene	12.557	142	1299788	35.136	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.710	216	731427	34.599	ng/ul	98
40) Hexachlorocyclopentadiene	12.693	237	451307	32.929	ng/ul	96
41) 2,4,6-Trichlorophenol	12.951	196	475741	41.157	ng/ul	95
42) 2,4,5-Trichlorophenol	13.016	196	515425	40.842	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	1739238	34.420	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	1337501	34.280	ng/ul	97
45) 2-Nitroaniline	13.592	65	466343	42.182	ng/ul	100
47) Dimethylphthalate	13.969	163	1759781	37.069	ng/ul	100
48) 2,6-Dinitrotoluene	14.092	165	359204	41.781	ng/ul	85
50) Acenaphthylene	14.234	152	2047500	35.913	ng/ul	98
51) 3-Nitroaniline	14.416	138	341386	36.931	ng/ul	95
52) Acenaphthene	14.575	153	1449276	35.144	ng/ul	97
53) 2,4-Dinitrophenol	14.622	184	201677	42.218	ng/ul	95
55) 4-Nitrophenol	14.722	109	324155	39.111	ng/ul	94
56) Dibenzofuran	14.910	168	2081569	36.511	ng/ul	98
57) 2,4-Dinitrotoluene	14.875	165	528666	42.693	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.139	232	448081	42.909	ng/ul	97
59) Diethylphthalate	15.334	149	1819990	38.339	ng/ul	98
61) Fluorene	15.563	166	1683594	36.188	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.557	204	868930	35.817	ng/ul	96
63) 4-Nitroaniline	15.581	138	370318	41.810	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.639	198	298047	40.628	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	1485114	36.841	ng/ul	99
68) 4-Bromophenyl-phenylether	16.451	248	553822	37.368	ng/ul	95
69) Hexachlorobenzene	16.569	284	642792	37.114	ng/ul	94
70) Atrazine	16.722	200	583520	39.908	ng/ul	98
71) Pentachlorophenol	16.910	266	366515	37.722	ng/ul	96
72) Phenanthrene	17.304	178	2764146	36.816	ng/ul	99
74) Anthracene	17.398	178	2782061	36.294	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	738396	33.943	ng/uL	96
76) Pentachlorobenzene	14.834	250	732242	34.580	ng/uL	96
77) Carbazole	17.663	167	2511434	37.264	ng/ul	99
78) Di-n-butylphthalate	18.233	149	3066028	40.012	ng/ul	99
80) Fluoranthene	19.322	202	3356573	36.904	ng/ul	98
82) Pyrene	19.686	202	3389076	35.802	ng/ul	96
83) Butylbenzylphthalate	20.586	149	1361742	42.777	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.369	252	1120221	39.197	ng/ul	100
85) Benzo(a)anthracene	21.439	228	3341000	37.205	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.369	149	2039550	40.398	ng/ul	96
87) Chrysene	21.492	228	3134295	36.050	ng/ul	99
89) Di-n-octyl phthalate	22.298	149	3423496	40.002	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	3476683	39.107	ng/ul	97
91) Benzo(k)fluoranthene	23.174	252	3226047	36.447	ng/ul	100
93) Benzo(a)pyrene	23.751	252	2999723	37.275	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.351	276	3896290	39.047	ng/ul	98
95) Dibenzo(a,h)anthracene	26.368	278	3168784	38.467	ng/ul	99
96) Benzo(g,h,i)perylene	27.121	276	3166257	38.378	ng/ul	99

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