Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081621\
Data File : BN015878.D
Acq On : 16 Aug 2021 14:17
Operator : CG/JU
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 16 14:47:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081621MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 16 14:15:29 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD040204

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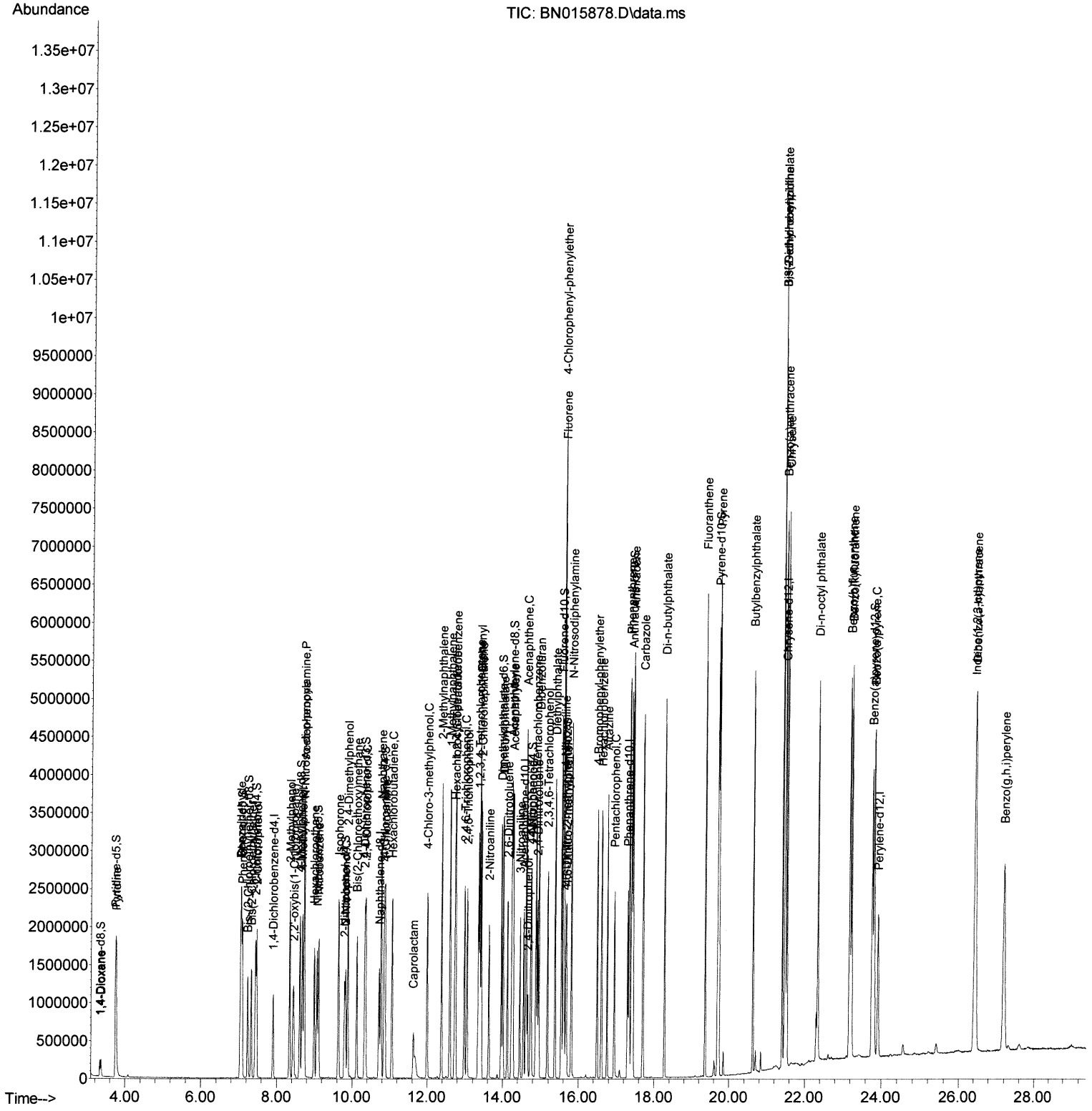

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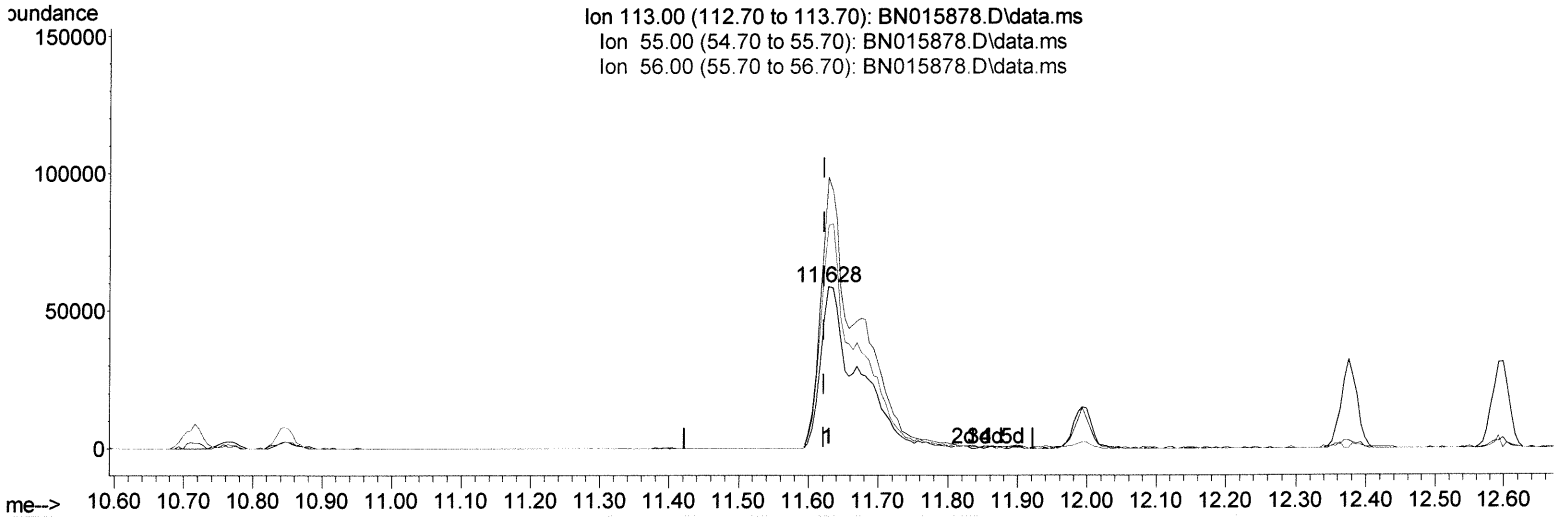

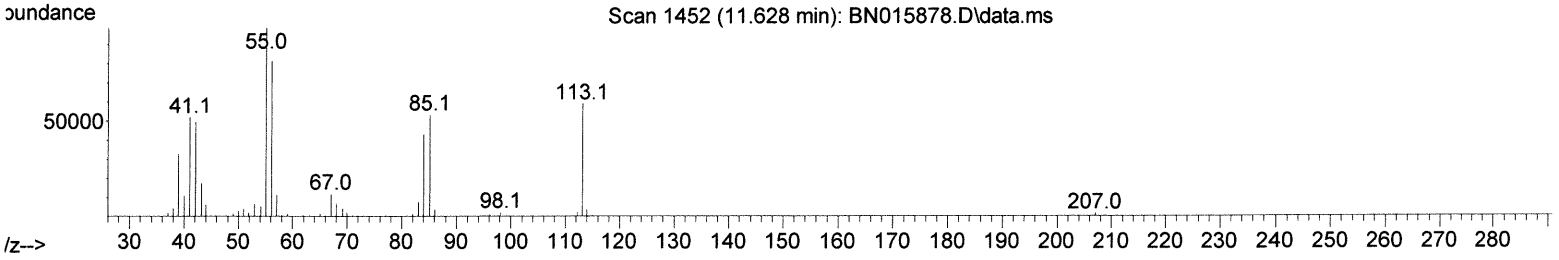

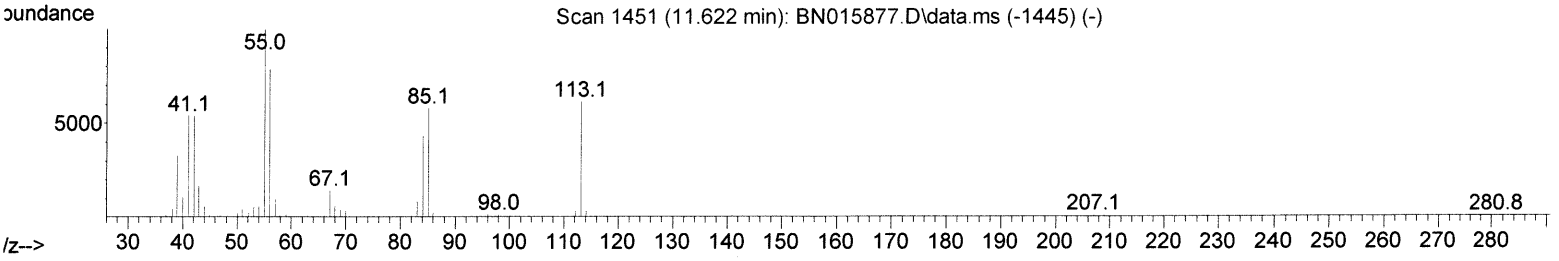

TIC: BN015878.D\data.ms

(34) Caprolactam

11.628min (+ 0.006) 22.98 ng/ul

response 129179

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	167.43
56.00	127.80	138.14
0.00	0.00	0.00

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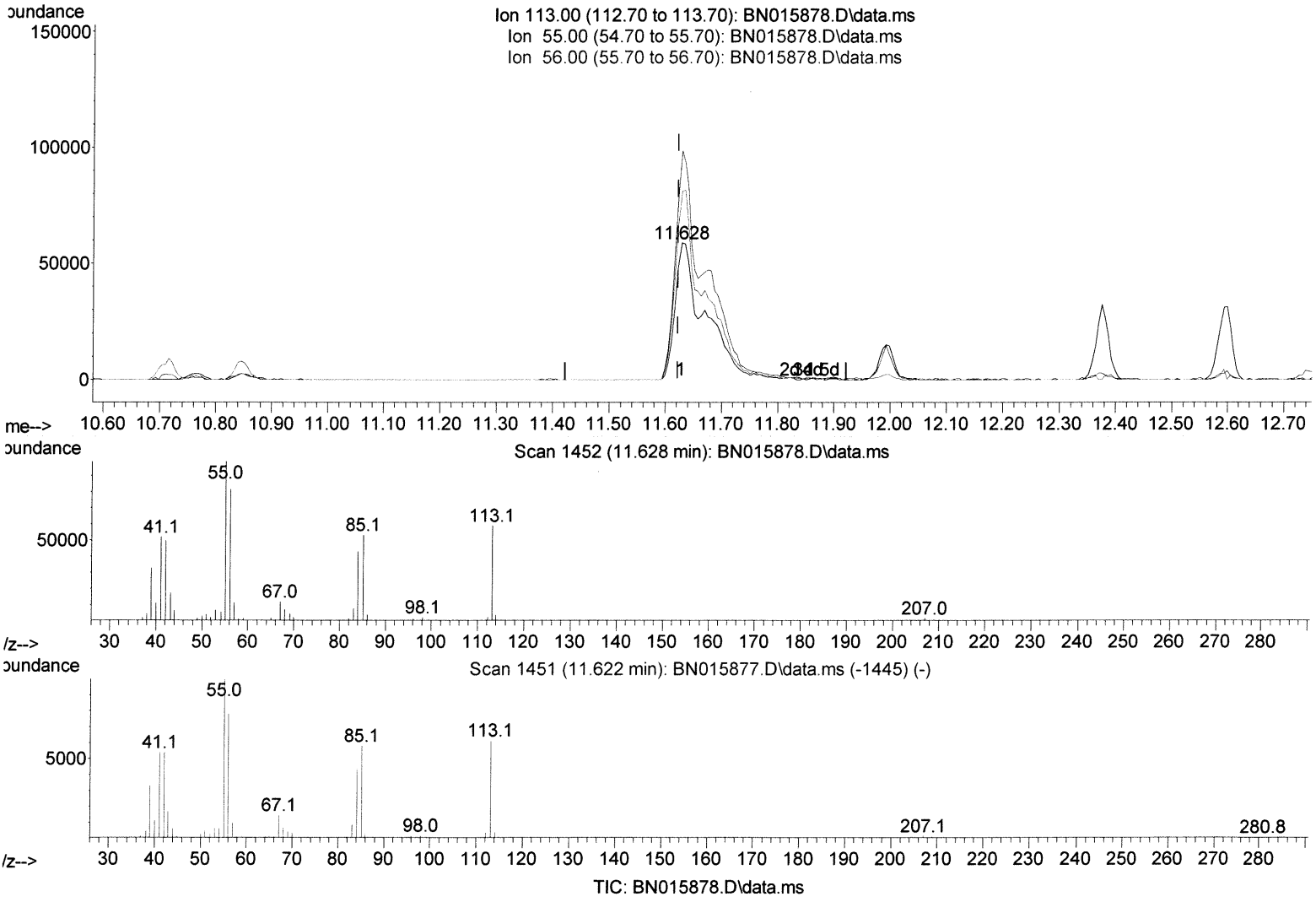
mohammad
8/17/2021 1:22:30 PM



(34) Caprolactam

11.628min (+ 0.006) 38.03 ng/ul m

response 213841

JU 8/19/21

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	163.00	167.43
56.00	127.80	138.14
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	282858	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	1175240	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	719934	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1470294	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	1454777	20.000	ng/ul	0.00
88) Perylene-d12	23.910	264	1427945	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	111169	15.292	ng/uL	0.00
4) Pyridine-d5	3.740	84	805634	41.108	ng/ul	0.00
7) Phenol-d5	7.058	99	1006060	40.980	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	626093	43.425	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	757855	40.711	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	782265	41.286	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	374030	46.525	ng/ul	0.00
24) 2-Nitrophenol-d4	9.793	143	355632	49.661	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	725513	42.924	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	1041625	39.765	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	2157529	43.643	ng/ul	0.00
49) Acenaphthylene-d8	14.245	160	2715436	42.313	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	369388	42.838	ng/ul	0.00
60) Fluorene-d10	15.545	176	1844794	42.894	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	307249	50.598	ng/ul	0.00
73) Anthracene-d10	17.398	188	2855824	42.437	ng/ul	0.00
81) Pyrene-d10	19.692	212	3120753	40.927	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.757	264	3079455	43.684	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	118251	15.784	ng/uL	97
5) Pyridine	3.764	79	829695	40.691	ng/ul	95
6) Benzaldehyde	7.040	77	654446	57.318	ng/ul	99
8) Phenol	7.087	94	1029026	41.345	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.322	93	796369	40.504	ng/ul	100
12) 2-Chlorophenol	7.463	128	781513	41.490	ng/ul	100
13) 2-Methylphenol	8.346	108	753959	40.571	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1021796	39.897	ng/ul#	97
16) Acetophenone	8.728	105	1276128	44.462	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	665345	47.325	ng/ul	98
18) 4-Methylphenol	8.675	108	806643	40.473	ng/ul	96
19) Hexachloroethane	8.993	117	341925	44.411	ng/ul	93
22) Nitrobenzene	9.110	77	995951	50.743	ng/ul	99
23) Isophorone	9.634	82	1768401	45.815	ng/ul	99
25) 2-Nitrophenol	9.822	139	388414	48.930	ng/ul	97
26) 2,4-Dimethylphenol	9.881	107	957192	46.510	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.122	93	1054048	42.800	ng/ul	100
29) 2,4-Dichlorophenol	10.357	162	713068	43.312	ng/ul	98
30) Naphthalene	10.763	128	2488391	41.494	ng/ul	98
32) 4-Chloroaniline	10.875	127	1033592	40.146	ng/ul	99
33) Hexachlorobutadiene	11.051	225	521812	51.061	ng/ul	96
34) Caprolactam	11.628	113	213841m	38.033	ng/ul	> >
35) 4-Chloro-3-methylphenol	11.993	107	856288	47.533	ng/ul	100

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.375	142	1766247	42.543	ng/ul	94
37) 1-Methylnaphthalene	12.598	142	1753881	42.160	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	938525	46.702	ng/ul	97
40) Hexachlorocyclopentadiene	12.728	237	595331	54.283	ng/ul	99
41) 2,4,6-Trichlorophenol	12.981	196	548586	46.688	ng/ul	91
42) 2,4,5-Trichlorophenol	13.051	196	600005	45.961	ng/ul	94
43) 1,1'-Biphenyl	13.387	154	2234698	43.014	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	1715127	42.383	ng/ul	96
45) 2-Nitroaniline	13.628	65	542902	57.665	ng/ul	96
47) Dimethylphthalate	14.004	163	2101432	43.919	ng/ul	99
48) 2,6-Dinitrotoluene	14.128	165	406161	50.453	ng/ul	96
50) Acenaphthylene	14.275	152	2523500	41.672	ng/ul	99
51) 3-Nitroaniline	14.451	138	439377	48.271	ng/ul	97
52) Acenaphthene	14.616	153	1823448	42.802	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	202264	54.715	ng/ul	93
55) 4-Nitrophenol	14.751	109	362048	57.577	ng/ul	93
56) Dibenzofuran	14.951	168	2522312	42.153	ng/ul	98
57) 2,4-Dinitrotoluene	14.910	165	587969	52.375	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.175	232	487307	50.925	ng/ul	99
59) Diethylphthalate	15.375	149	2142806	44.862	ng/ul	100
61) Fluorene	15.604	166	2007742	42.386	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.598	204	1061054	47.143	ng/ul	97
63) 4-Nitroaniline	15.616	138	439088	51.840	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.675	198	304297	49.584	ng/ul	99
67) N-Nitrosodiphenylamine	15.810	169	1760374	41.278	ng/ul	97
68) 4-Bromophenyl-phenylether	16.492	248	638984	45.147	ng/ul	97
69) Hexachlorobenzene	16.604	284	725719	45.755	ng/ul	97
70) Atrazine	16.757	200	634412	42.753	ng/ul	97
71) Pentachlorophenol	16.945	266	413484	49.830	ng/ul	93
72) Phenanthrene	17.345	178	3205102	41.302	ng/ul	99
74) Anthracene	17.433	178	3252024	40.821	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	959605	46.087	ng/uL	97
76) Pentachlorobenzene	14.869	250	896610	44.973	ng/uL	95
77) Carbazole	17.704	167	2869694	39.965	ng/ul	98
78) Di-n-butylphthalate	18.275	149	3498944	42.807	ng/ul	98
80) Fluoranthene	19.357	202	3757234	40.819	ng/ul	99
82) Pyrene	19.722	202	3928038	40.944	ng/ul	98
83) Butylbenzylphthalate	20.622	149	1448109	42.347	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.404	252	1228638	41.012	ng/ul	98
85) Benzo(a)anthracene	21.474	228	3549874	39.452	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.404	149	2249835	41.082	ng/ul	99
87) Chrysene	21.527	228	3568646	40.275	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	3612287	40.451	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	3719077	43.251	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	3696863	42.479	ng/ul	99
93) Benzo(a)pyrene	23.810	252	3347070	42.825	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.433	276	4142296	43.685	ng/ul	98
95) Dibenzo(a,h)anthracene	26.451	278	3404742	43.321	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	3438077	41.945	ng/ul	100

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