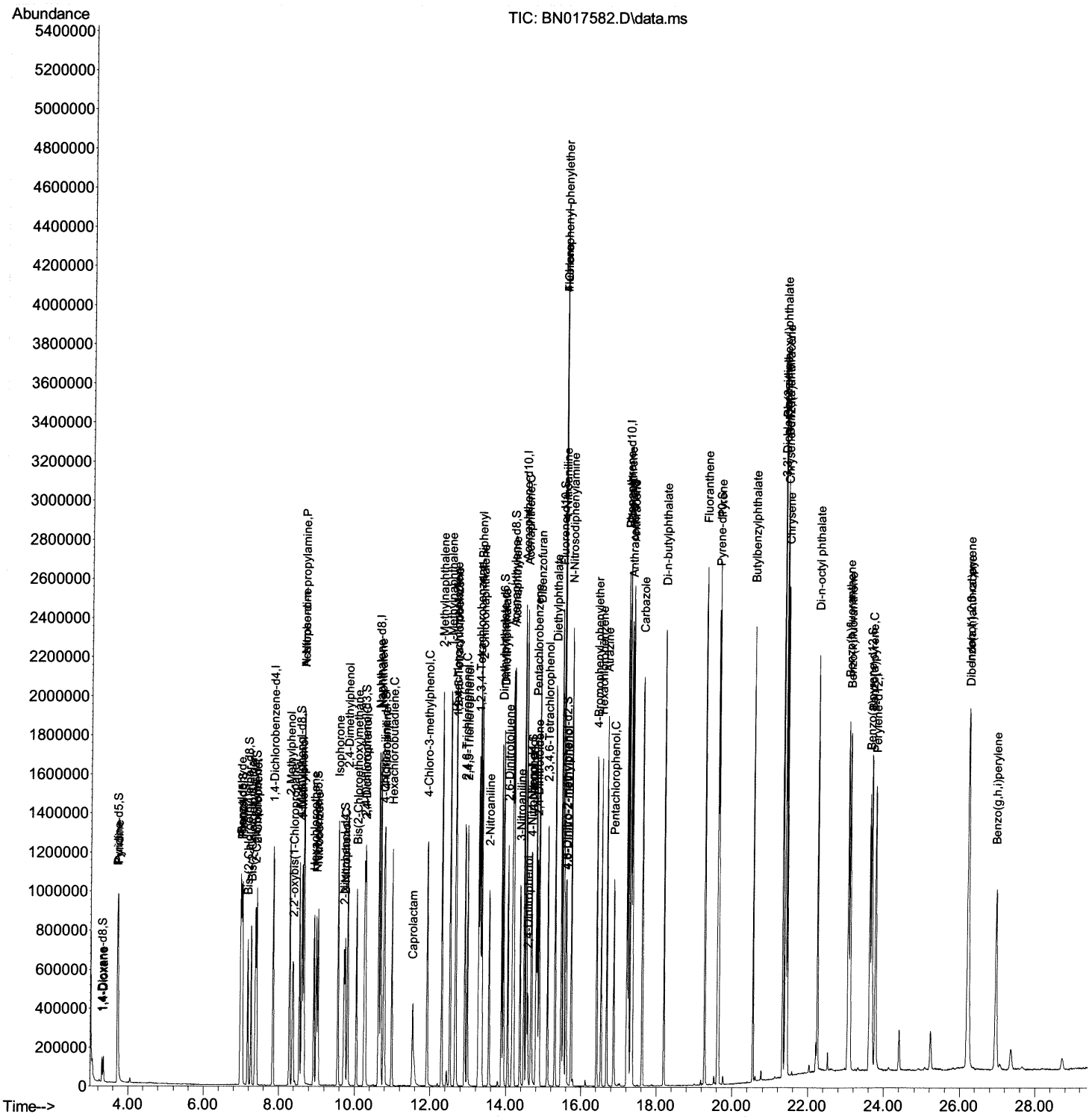
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017582.D
Acq On : 24 Nov 2021 01:43
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 24 03:16:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

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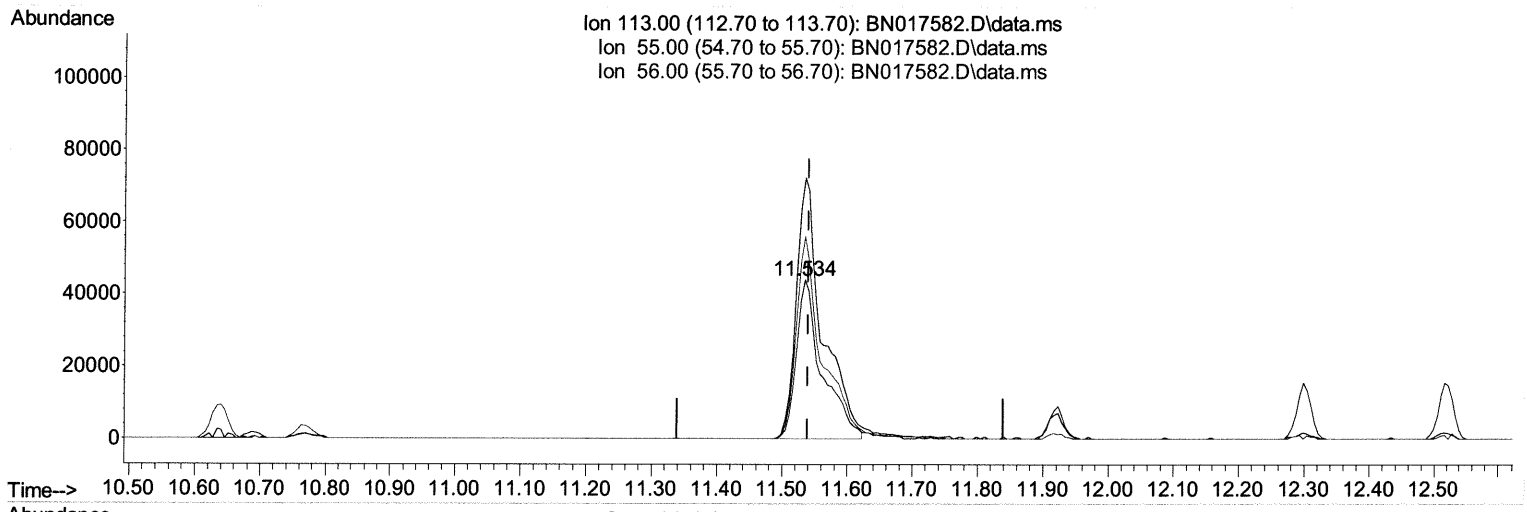

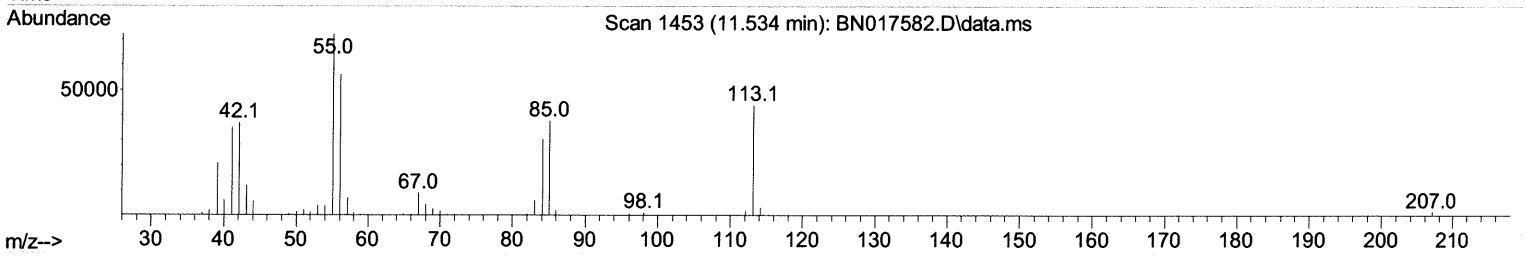

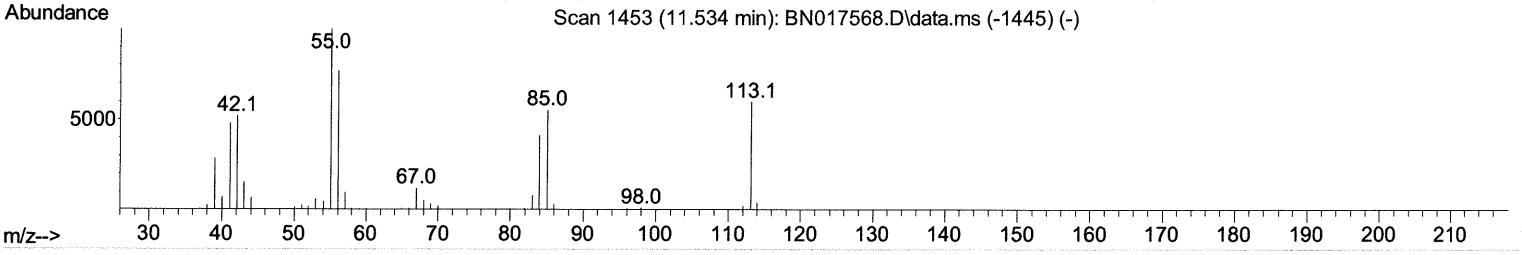

TIC: BN017582.D\data.ms

(34) Caprolactam

11.534min (-0.005) 19.19 ng/ul

response 120553

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	164.19
56.00	129.90	127.71
0.00	0.00	0.00

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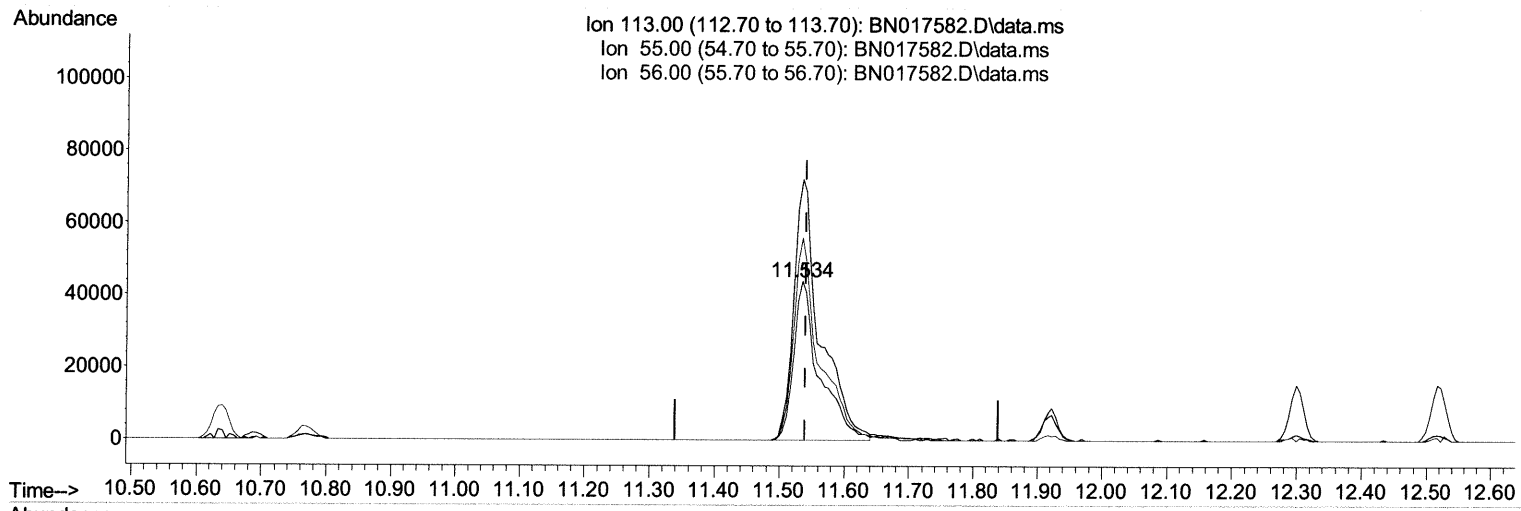

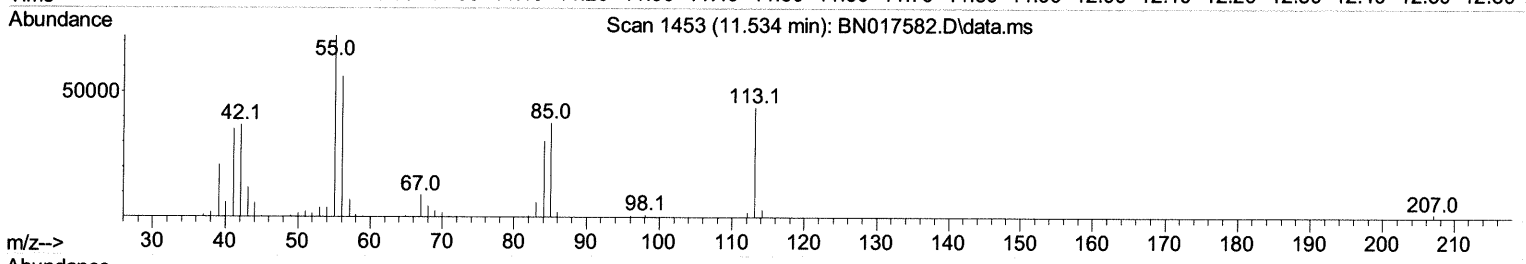

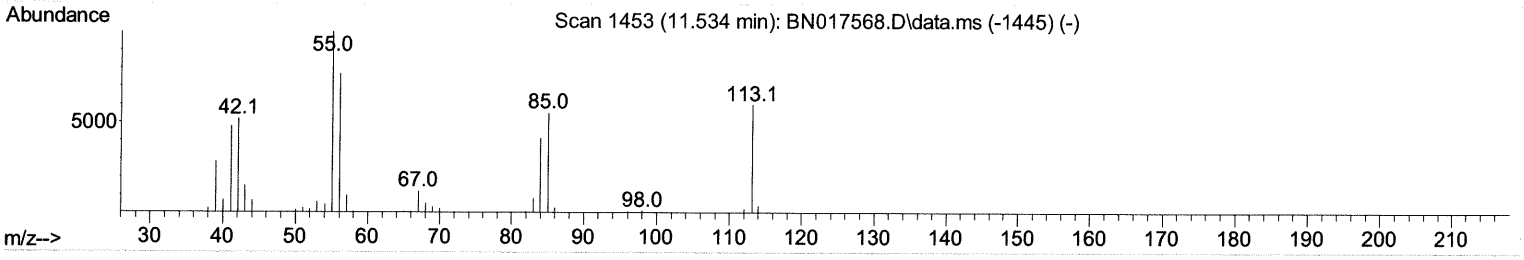

TIC: BN017582.D\data.ms

(34) Caprolactam

11.534min (-0.005) 19.42 ng/ul m 11/30/21 JJ

response 121950

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	164.19
56.00	129.90	127.71
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	7.840	152	314461	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1391899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	830837	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1498113	20.000	ng/ul	0.00
79) Chrysene-d12	21.404	240	1008679	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	1015753	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	61268	6.963	ng/uL	0.00
4) Pyridine-d5	3.705	84	408127	17.676	ng/ul	0.00
7) Phenol-d5	7.005	99	527863	18.439	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	325657	18.153	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	407277	18.789	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	425682	18.904	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	201613	19.119	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	213319	20.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	392005	19.085	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	555122	18.821	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1116587	18.484	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1449520	18.689	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	183472	17.948	ng/ul	0.00
60) Fluorene-d10	15.469	176	925464	18.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	140925	18.111	ng/ul	0.00
73) Anthracene-d10	17.316	188	1324487	19.021	ng/ul	0.00
81) Pyrene-d10	19.610	212	1241874	19.395	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	964424	18.060	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	61462	7.074	ng/uL	96
5) Pyridine	3.728	79	422567	18.186	ng/ul	91
6) Benzaldehyde	6.975	77	350958	23.111	ng/ul	92
8) Phenol	7.028	94	541969	18.693	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.264	93	432378	18.188	ng/ul	97
12) 2-Chlorophenol	7.405	128	411842	18.438	ng/ul	96
13) 2-Methylphenol	8.281	108	403845	18.493	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	578272	18.042	ng/ul	96
16) Acetophenone	8.658	105	641552	19.051	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.652	70	338896	19.309	ng/ul	96
18) 4-Methylphenol	8.611	108	437587	18.705	ng/ul	99
19) Hexachloroethane	8.922	117	177106	18.766	ng/ul	93
22) Nitrobenzene	9.034	77	492365	18.476	ng/ul	94
23) Isophorone	9.563	82	953869	19.123	ng/ul	97
25) 2-Nitrophenol	9.746	139	224408	19.500	ng/ul#	88
26) 2,4-Dimethylphenol	9.810	107	495017	18.599	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.052	93	583375	17.969	ng/ul	98
29) 2,4-Dichlorophenol	10.287	162	383414	18.512	ng/ul	95
30) Naphthalene	10.687	128	1344518	18.055	ng/ul	99
32) 4-Chloroaniline	10.793	127	565762	18.906	ng/ul	99
33) Hexachlorobutadiene	10.987	225	244895	17.976	ng/ul	97
34) Caprolactam	11.534	113	121950m	> 19.415	ng/ul	> 11/30/21 JU
35) 4-Chloro-3-methylphenol	11.922	107	442552	18.993	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.299	142	910605	18.323	ng/ul	100
37) 1-Methylnaphthalene	12.516	142	926220	18.406	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.675	216	446226	18.108	ng/ul	97
40) Hexachlorocyclopentadiene	12.657	237	269123	17.027	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	295430	19.624	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	310929	18.940	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	1198515	18.290	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	916256	18.389	ng/ul	98
45) 2-Nitroaniline	13.546	65	273615	19.841	ng/ul	94
47) Dimethylphthalate	13.934	163	1104653	18.449	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	224291	19.960	ng/ul#	88
50) Acenaphthylene	14.198	152	1481256	18.739	ng/ul	99
51) 3-Nitroaniline	14.369	138	238656	20.060	ng/ul	93
52) Acenaphthene	14.540	153	934913	18.345	ng/ul	97
53) 2,4-Dinitrophenol	14.575	184	91462	16.191	ng/ul	95
55) 4-Nitrophenol	14.675	109	157138	17.625	ng/ul	89
56) Dibenzofuran	14.875	168	1328091	18.153	ng/ul	96
57) 2,4-Dinitrotoluene	14.834	165	304589	19.128	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.098	232	231299	19.043	ng/ul	93
59) Diethylphthalate	15.298	149	1112548	18.553	ng/ul	99
61) Fluorene	15.522	166	1001359	18.233	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.522	204	480701	17.936	ng/ul	93
63) 4-Nitroaniline	15.534	138	213202	21.255	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.598	198	143208	18.332	ng/ul#	87
67) N-Nitrosodiphenylamine	15.728	169	873752	19.348	ng/ul	96
68) 4-Bromophenyl-phenylether	16.416	248	276643	18.702	ng/ul#	92
69) Hexachlorobenzene	16.534	284	296057	18.781	ng/ul#	92
70) Atrazine	16.681	200	308356	19.335	ng/ul	99
71) Pentachlorophenol	16.869	266	163830	18.277	ng/ul	94
72) Phenanthrene	17.263	178	1528388	18.698	ng/ul	99
74) Anthracene	17.351	178	1520324	18.756	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.275	216	467871	19.919	ng/uL	95
76) Pentachlorobenzene	14.798	250	415758	19.466	ng/uL	100
77) Carbazole	17.622	167	1320344	18.979	ng/ul	99
78) Di-n-butylphthalate	18.198	149	1653596	19.559	ng/ul	99
80) Fluoranthene	19.281	202	1544484	20.052	ng/ul	99
82) Pyrene	19.639	202	1542000	19.997	ng/ul	99
83) Butylbenzylphthalate	20.545	149	607620	21.584	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.322	252	390267	20.339	ng/ul	98
85) Benzo(a)anthracene	21.392	228	1263157	18.905	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.333	149	892440	21.904	ng/ul#	98
87) Chrysene	21.445	228	1223857	18.641	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	1417443	18.373	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1220380	17.376	ng/ul	97
91) Benzo(k)fluoranthene	23.098	252	1131863	17.067	ng/ul	97
93) Benzo(a)pyrene	23.663	252	1189807	17.842	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.215	276	1338584	19.332	ng/ul	98
95) Dibenzo(a,h)anthracene	26.227	278	1131963	19.247	ng/ul	98
96) Benzo(g,h,i)perylene	26.957	276	1152459	19.474	ng/ul	95

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