Quantitation Report (QT Reviewed)

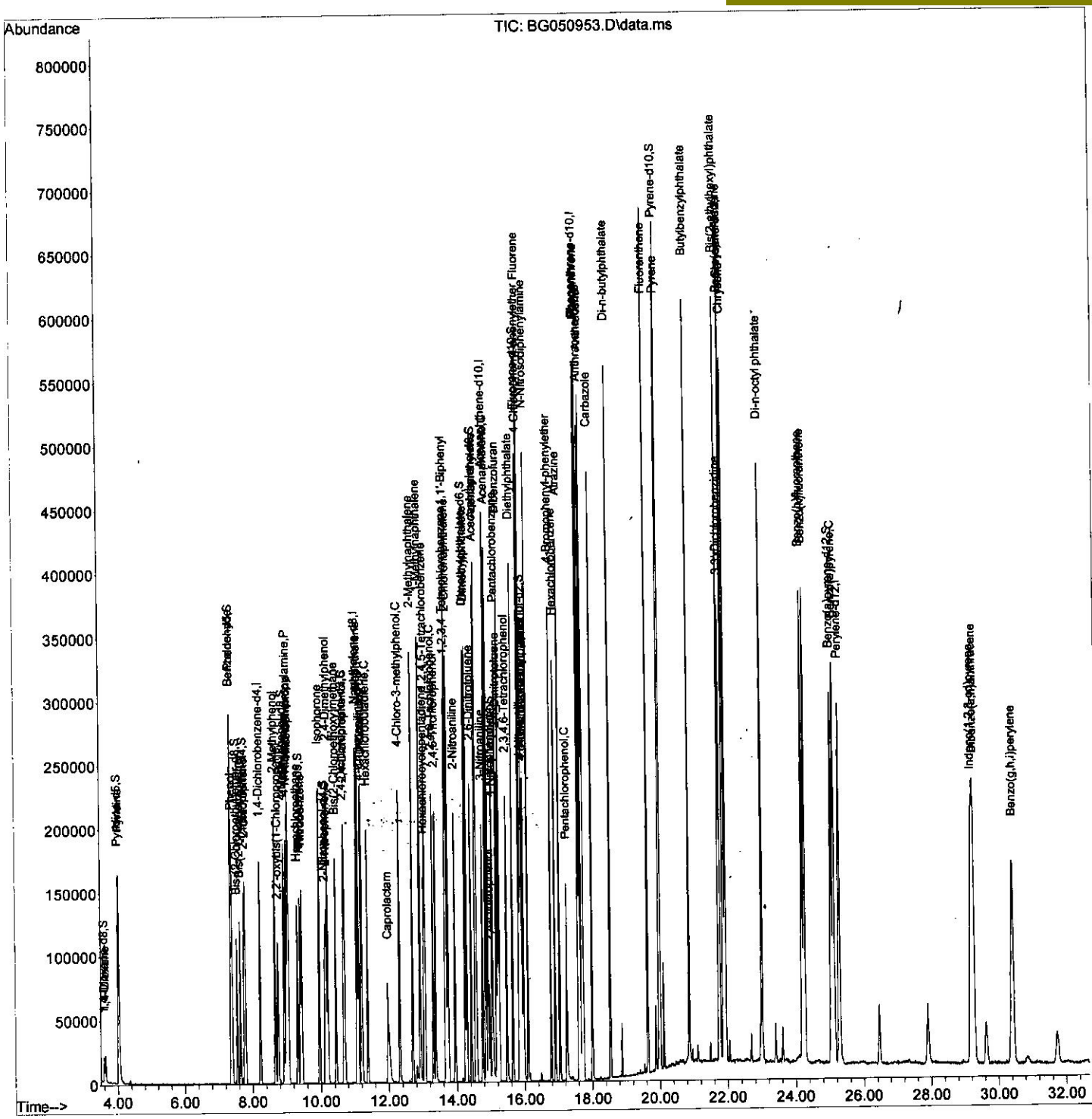
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050953.D
Acq On : 10 Nov 2021 21:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 11 01:45:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/11/2021



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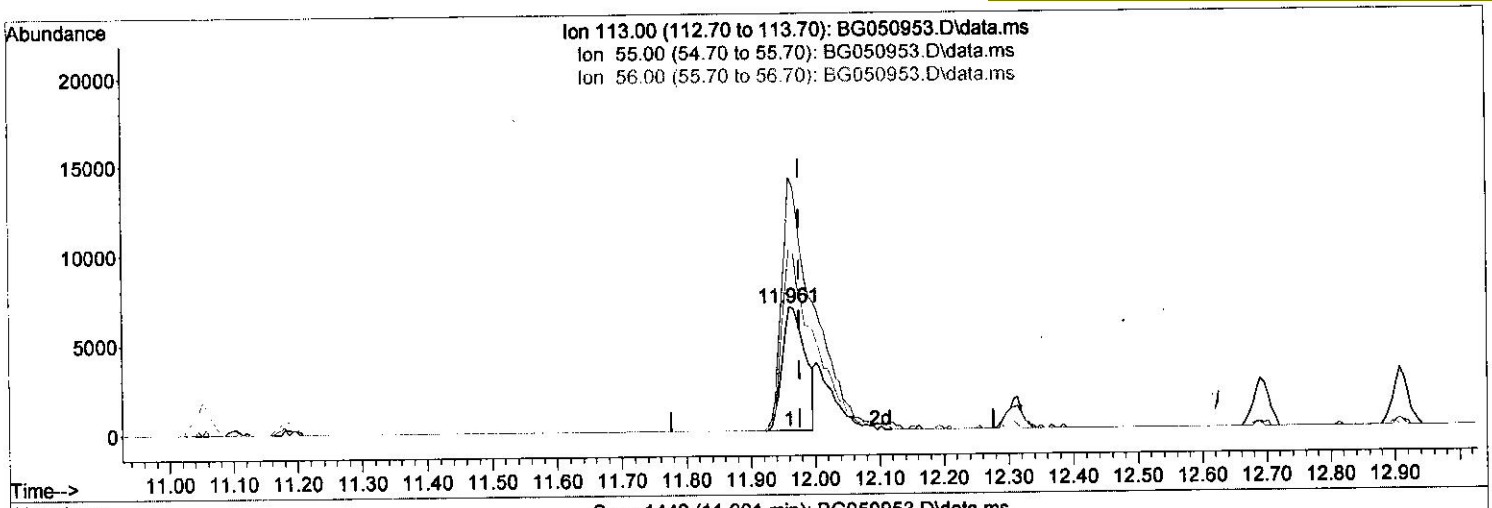

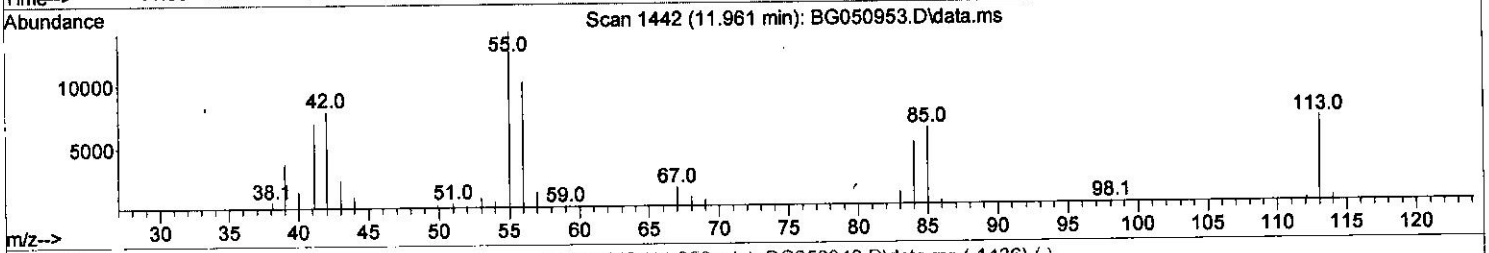

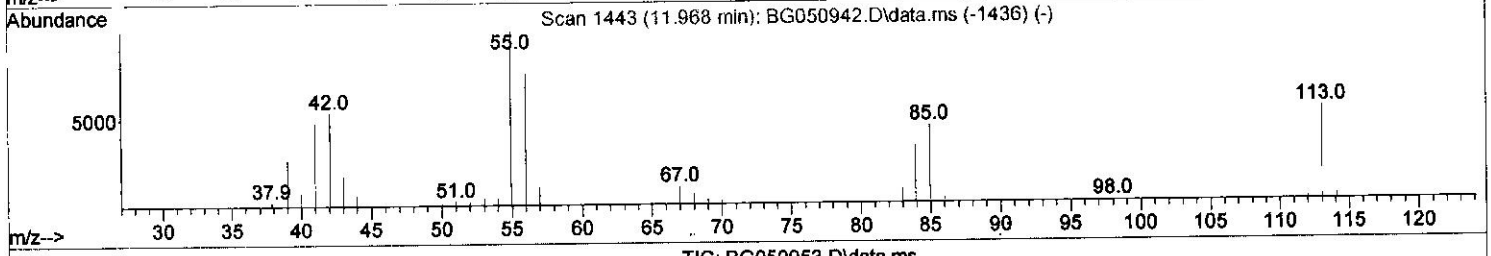

TIC: BG050953.D\data.ms

(34) Caprolactam

11.961min (-0.016) 11.78 ng/ul

response 17330

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	204.43
56.00	136.50	146.72
0.00	0.00	0.00

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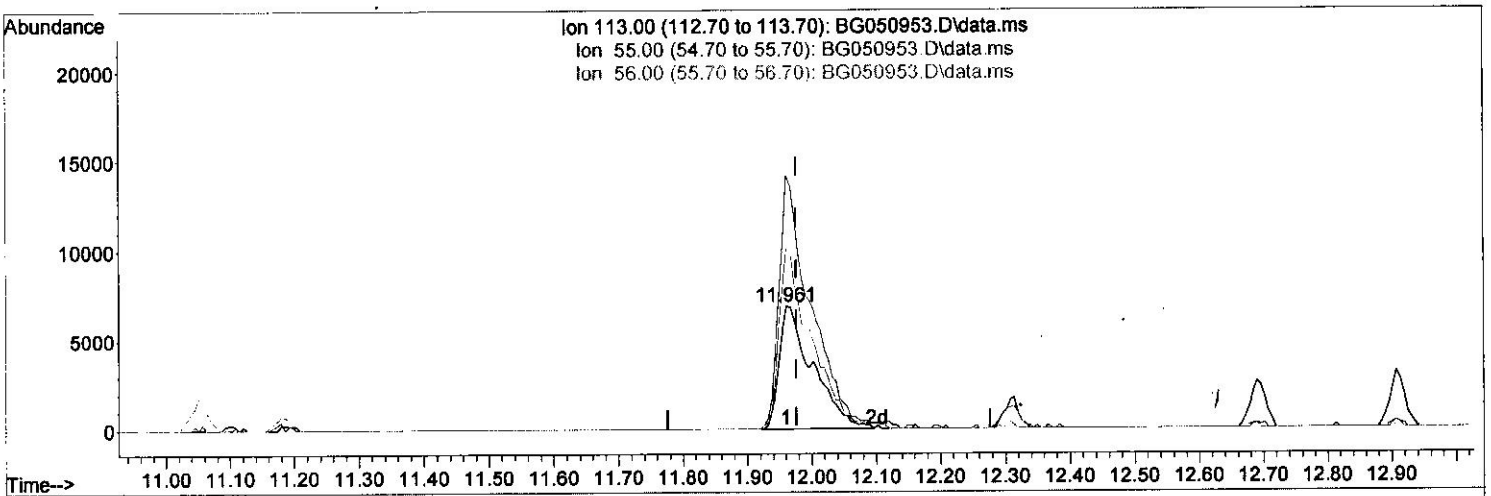

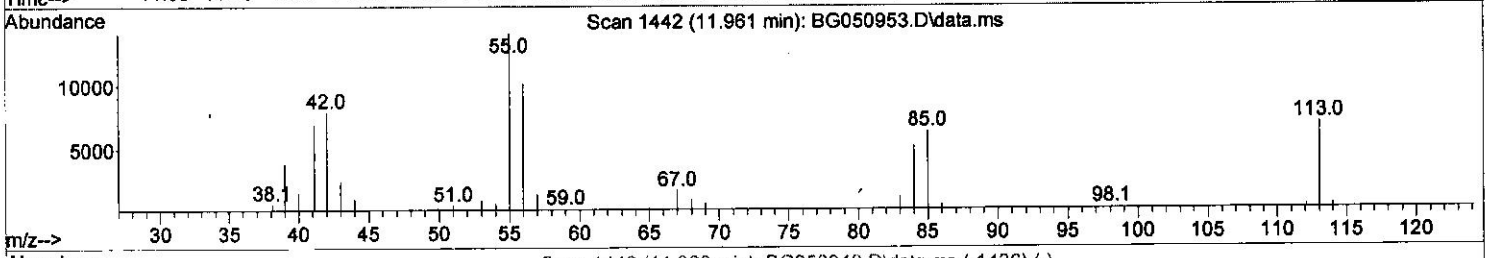

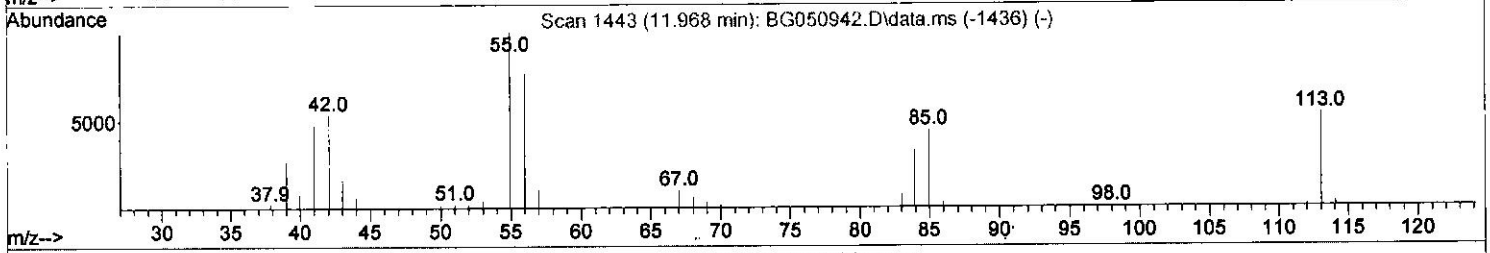

TIC: BG050953.D\data.ms

(34) Caprolactam

11.961min (-0.016) 16.98 ng/ul m

response 24989

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	204.43
56.00	136.50	146.72
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	8.224	152	48676	20.00	ng/ul	0.00
20) Naphthalene-d8	11.050	136	223282	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.852	164	157395	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.596	188	347701	20.00	ng/ul	-0.01
79) Chrysene-d12	21.890	240	291630	20.00	ng/ul	-0.02
88) Perylene-d12	25.287	264	280467	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	10048	6.66	ng/uL	0.00
4) Pyridine-d5	4.011	84	77782	17.24	ng/ul	0.00
7) Phenol-d5	7.366	99	91208	17.56	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.543	67	58773	17.52	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	65077	18.08	ng/ul	-0.01
15) 4-Methylphenol-d8	8.923	113	72172	17.65	ng/ul	-0.01
21) Nitrobenzene-d5	9.399	128	34366	18.11	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.122	143	38713	18.35	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.662	165	66873	18.82	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.180	131	99099	18.41	ng/ul	-0.01
46) Dimethylphthalate-d6	14.241	166	217820	18.09	ng/ul	-0.01
49) Acenaphthylene-d8	14.546	160	276955	18.46	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.034	143	35769	16.38	ng/ul	-0.01
60) Fluorene-d10	15.839	176	196551	18.43	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.956	200	34161	16.21	ng/ul	0.00
73) Anthracene-d10	17.695	188	304525	18.52	ng/ul	-0.01
81) Pyrene-d10	19.969	212	342746	18.20	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.051	264	295727	19.07	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.624	88	10870	6.56	ng/uL	92
5) Pyridine	4.029	79	80824	17.31	ng/ul	97
6) Benzaldehyde	7.360	77	62045	18.94	ng/ul	93
8) Phenol	7.396	94	95202	17.72	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.637	93	72047	17.92	ng/ul	96
12) 2-Chlorophenol	7.784	128	67869	18.57	ng/ul	99
13) 2-Methylphenol	8.659	108	69811	17.58	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.741	45	107960	17.05	ng/ul	99
16) Acetophenone	9.053	105	114161	17.98	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.029	70	66635	17.39	ng/ul	98
18) 4-Methylphenol	8.988	108	75493	17.86	ng/ul	95
19) Hexachloroethane	9.317	117	26882	17.60	ng/ul	92
22) Nitrobenzene	9.440	77	95821	18.11	ng/ul	99
23) Isophorone	9.963	82	185248	18.04	ng/ul	99
25) 2-Nitrophenol	10.157	139	39319	18.58	ng/ul	99
26) 2,4-Dimethylphenol	10.204	107	87039	18.68	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.439	93	101365	18.32	ng/ul	97
29) 2,4-Dichlorophenol	10.692	162	66700	19.24	ng/ul	97
30) Naphthalene	11.103	128	226612	18.56	ng/ul	98
32) 4-Chloroaniline	11.209	127	98766	18.48	ng/ul	96
33) Hexachlorobutadiene	11.373	225	43627	19.17	ng/ul	97
34) Caprolactam	11.961	113	24989m	16.98	ng/ul	
35) 4-Chloro-3-methylphenol	12.308	107	82678	18.67	ng/ul	98

JV 11/11/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.690	142	156301	18.79	ng/ul	98
37) 1-Methylnaphthalene	12.907	142	158879	18.85	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.054	216	86442	18.85	ng/ul	96
40) Hexachlorocyclopentadiene	13.024	237	40484	18.38	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.289	196	55355	18.45	ng/ul	98
42) 2,4,5-Trichlorophenol	13.365	196	57479	17.84	ng/ul	99
43) 1,1'-Biphenyl	13.682	154	212880	18.50	ng/ul	98
44) 2-Chloronaphthalene	13.735	162	166180	18.43	ng/ul	99
45) 2-Nitroaniline	13.935	65	61592	17.20	ng/ul	90
47) Dimethylphthalate	14.288	163	218297	18.13	ng/ul	100
48) 2,6-Dinitrotoluene	14.417	165	45087	17.89	ng/ul	96
50) Acenaphthylene	14.576	152	275666	18.33	ng/ul	97
51) 3-Nitroaniline	14.752	138	46691	17.91	ng/ul	91
52) Acenaphthene	14.910	153	180510	18.26	ng/ul	98
53) 2,4-Dinitrophenol	14.963	184	17252	12.41	ng/ul	91
55) 4-Nitrophenol	15.051	109	32976	16.47	ng/ul	94
56) Dibenzofuran	15.245	168	261267	18.46	ng/ul	98
57) 2,4-Dinitrotoluene	15.204	165	65383	18.18	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.469	232	46064	18.19	ng/ul	99
59) Diethylphthalate	15.645	149	231215	17.94	ng/ul	100
61) Fluorene	15.892	166	202415	18.07	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.874	204	109168	18.72	ng/ul	97
63) 4-Nitroaniline	15.915	138	46266	17.89	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.968	198	33980	16.53	ng/ul	97
67) N-Nitrosodiphenylamine	16.091	169	181963	18.72	ng/ul	98
68) 4-Bromophenyl-phenylether	16.773	248	67018	19.38	ng/ul	93
69) Hexachlorobenzene	16.896	284	69061	19.42	ng/ul	98
70) Atrazine	17.031	200	75120	18.23	ng/ul	96
71) Pentachlorophenol	17.243	266	29708	18.20	ng/ul	95
72) Phenanthrene	17.637	178	343488	18.51	ng/ul	99
74) Anthracene	17.731	178	345420	18.55	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.653	216	92795	19.60	ng/uL	99
76) Pentachlorobenzene	15.163	250	86482	19.71	ng/uL	98
77) Carbazole	17.995	167	312391	18.72	ng/ul	99
78) Di-n-butylphthalate	18.530	149	395319	18.02	ng/ul	100
80) Fluoranthene	19.634	202	408584	18.07	ng/ul	98
82) Pyrene	19.999	202	404102	18.30	ng/ul	97
83) Butylbenzylphthalate	20.862	149	167364	17.62	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.779	252	126691	17.84	ng/ul	96
85) Benzo(a)anthracene	21.873	228	373996	18.52	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.738	149	244813	17.96	ng/ul	98
87) Chrysene	21.937	228	352403	18.27	ng/ul	99
89) Di-n-octyl phthalate	23.007	149	410976	18.00	ng/ul	100
90) Benzo(b)fluoranthene	24.200	252	378233	18.93	ng/ul	99
91) Benzo(k)fluoranthene	24.270	252	345395	18.42	ng/ul	99
93) Benzo(a)pyrene	25.128	252	358153	18.82	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.188	276	400386	18.90	ng/ul	97
95) Dibenzo(a,h)anthracene	29.252	278	338712	18.90	ng/ul	97
96) Benzo(g,h,i)perylene	30.416	276	335026	18.89	ng/ul	98

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