Quantitation Report (QT Reviewed)

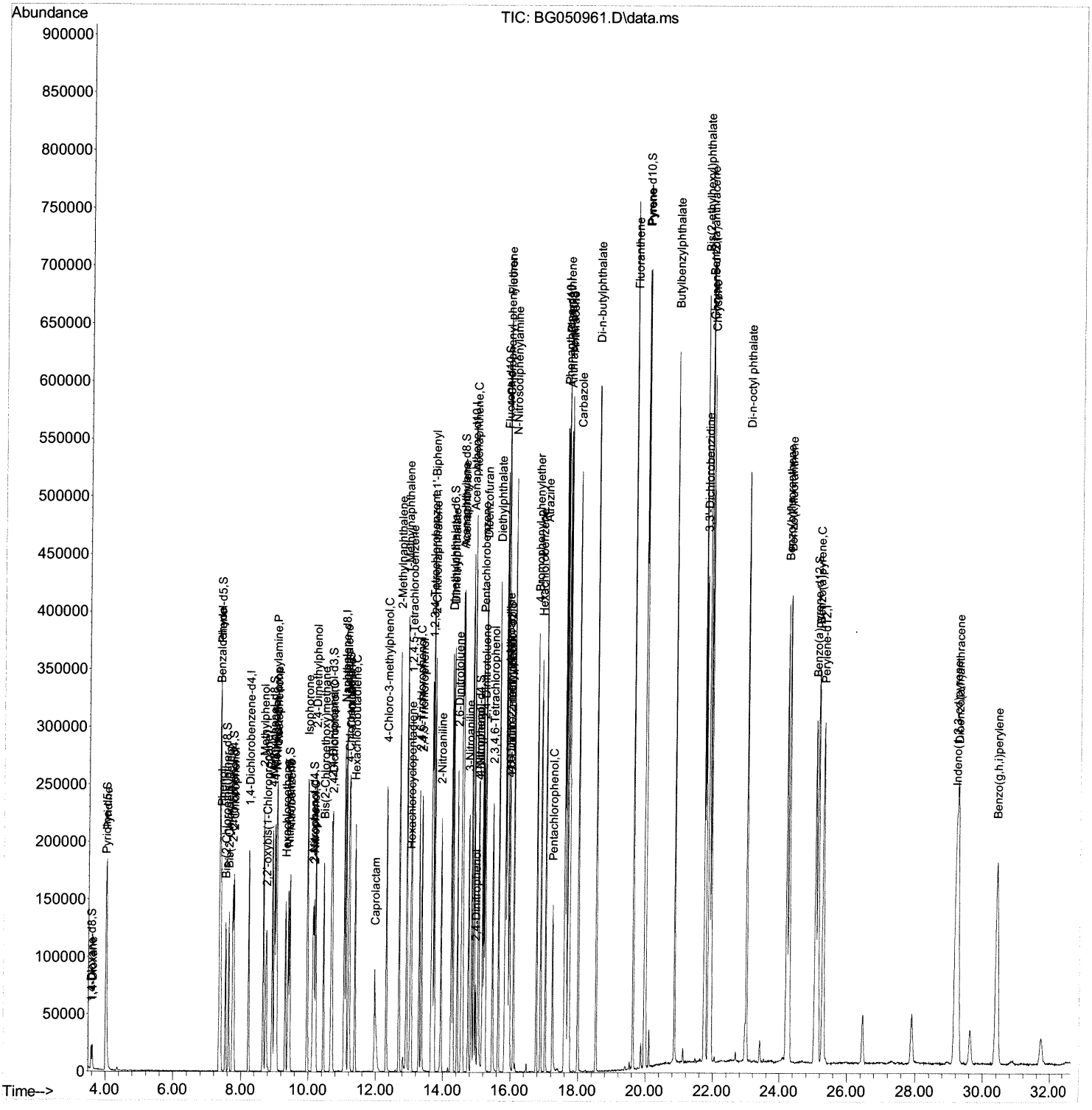
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050961.D
Acq On : 11 Nov 2021 3:54
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Nov 11 04:26:49 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 :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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



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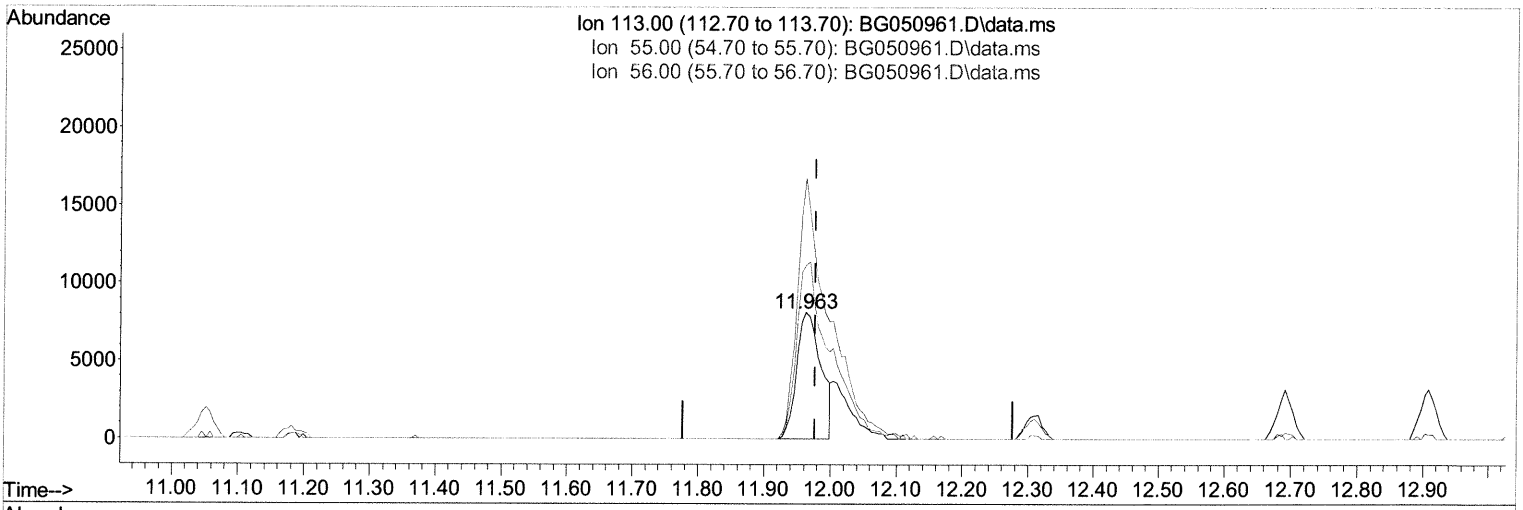

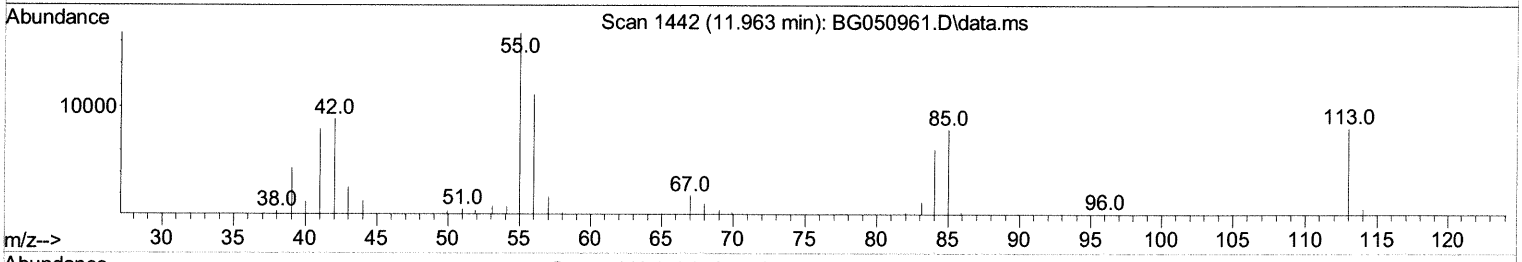

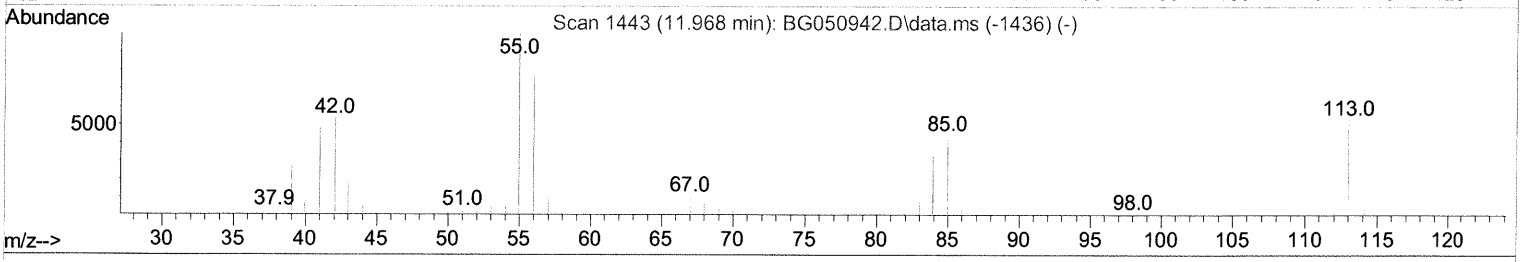

TIC: BG050961.D\data.ms

(34) Caprolactam

11.963min (-0.014) 13.07 ng/ul

response 20617

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	206.54
56.00	136.50	137.71
0.00	0.00	0.00

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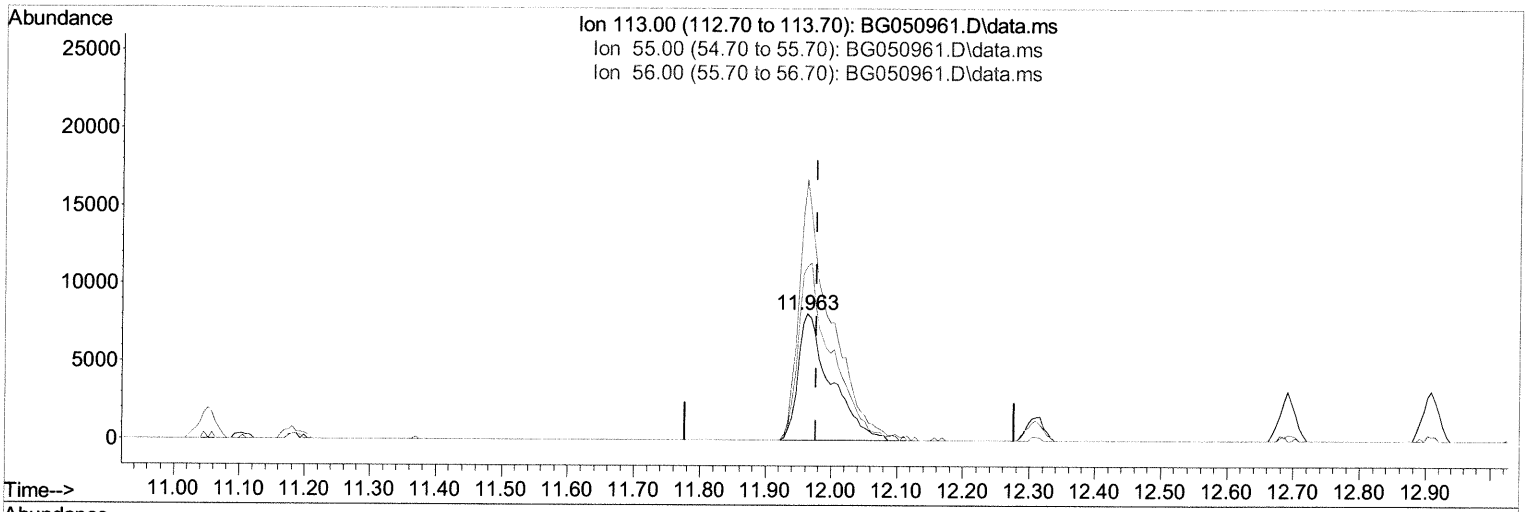

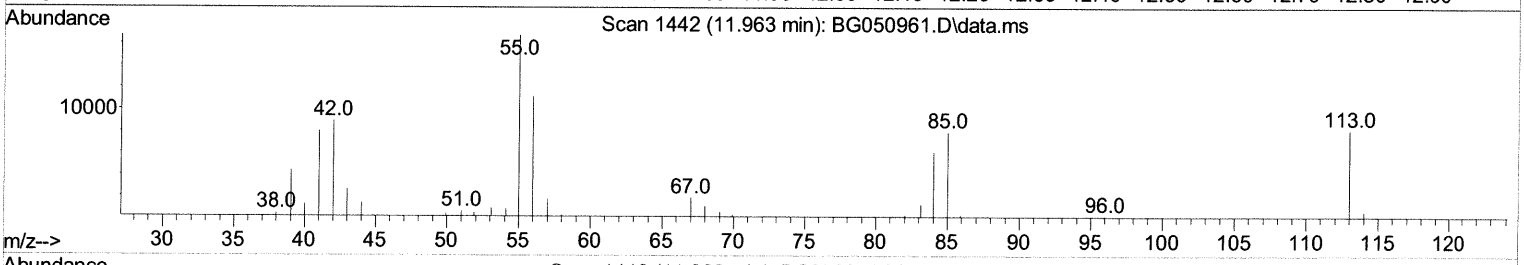

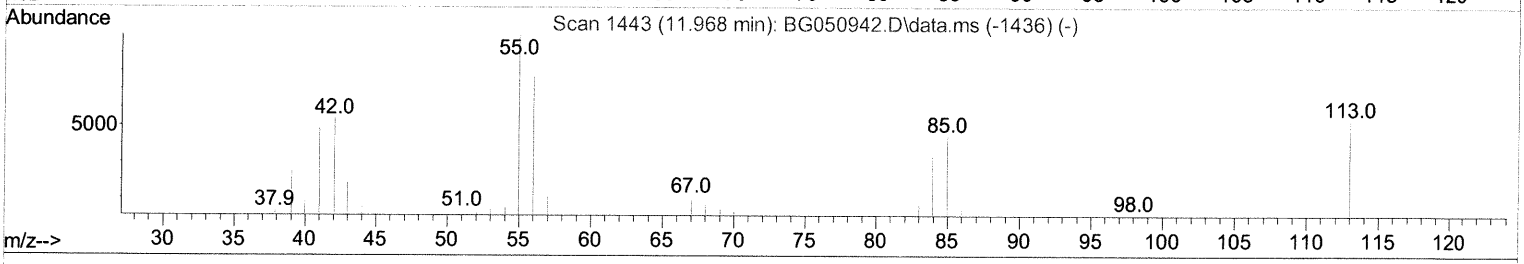

TIC: BG050961.D\data.ms

(34) Caprolactam

11.963min (-0.014) 17.86 ng/ul m 11/17/21 JU

response 28168

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	206.54
56.00	136.50	137.71
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	50649	20.00	ng/ul	0.00
20) Naphthalene-d8	11.052	136	239241	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.848	164	160057	20.00	ng/ul	-0.01
64) Phenanthrene-d10	17.591	188	355032	20.00	ng/ul	-0.01
79) Chrysene-d12	21.892	240	303063	20.00	ng/ul	-0.01
88) Perylene-d12	25.288	264	304376	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.584	96	11101	7.07	ng/uL	0.00
4) Pyridine-d5	4.007	84	83369	17.76	ng/ul	0.00
7) Phenol-d5	7.368	99	102918	19.05	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.539	67	66203	18.97	ng/ul	0.00
11) 2-Chlorophenol-d4	7.750	132	71958	19.22	ng/ul	-0.01
15) 4-Methylphenol-d8	8.925	113	79586	18.71	ng/ul	0.00
21) Nitrobenzene-d5	9.401	128	38568	18.97	ng/ul	0.00
24) 2-Nitrophenol-d4	10.124	143	42507	18.80	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.664	165	73289	19.25	ng/ul	0.00
31) 4-Chloroaniline-d4	11.181	131	107023	18.56	ng/ul	0.00
46) Dimethylphthalate-d6	14.242	166	233843	19.10	ng/ul	0.00
49) Acenaphthylene-d8	14.548	160	302345	19.82	ng/ul	0.00
54) 4-Nitrophenol-d4	15.036	143	39925	17.98	ng/ul	0.00
60) Fluorene-d10	15.835	176	210114	19.37	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.952	200	38040	17.67	ng/ul	0.00
73) Anthracene-d10	17.691	188	327053	19.48	ng/ul	-0.01
81) Pyrene-d10	19.971	212	375163	19.17	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.053	264	314603	18.70	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.625	88	12056	6.99	ng/uL	90
5) Pyridine	4.031	79	89605	18.44	ng/ul	99
6) Benzaldehyde	7.356	77	79628	23.36	ng/ul	96
8) Phenol	7.397	94	106709	19.09	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.633	93	79673	19.04	ng/ul	99
12) 2-Chlorophenol	7.785	128	73228	19.26	ng/ul	97
13) 2-Methylphenol	8.661	108	77332	18.72	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.749	45	120087	18.22	ng/ul	98
16) Acetophenone	9.054	105	125953	19.06	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.031	70	75831	19.02	ng/ul	97
18) 4-Methylphenol	8.990	108	84486	19.21	ng/ul	96
19) Hexachloroethane	9.319	117	30925	19.45	ng/ul	95
22) Nitrobenzene	9.442	77	106520	18.79	ng/ul	96
23) Isophorone	9.959	82	203101	18.46	ng/ul	100
25) 2-Nitrophenol	10.159	139	43685	19.26	ng/ul	97
26) 2,4-Dimethylphenol	10.200	107	95733	19.18	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.441	93	110452	18.63	ng/ul	99
29) 2,4-Dichlorophenol	10.694	162	72449	19.50	ng/ul	97
30) Naphthalene	11.105	128	251436	19.22	ng/ul	99
32) 4-Chloroaniline	11.205	127	107185	18.72	ng/ul	96
33) Hexachlorobutadiene	11.369	225	48222	19.78	ng/ul	97
34) Caprolactam	11.963	113	28168m>	17.86	ng/ul >	11/17/21 JU
35) 4-Chloro-3-methylphenol	12.309	107	89049	18.77	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.691	142	168677	18.93	ng/ul	100
37) 1-Methylnaphthalene	12.909	142	174740	19.35	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.050	216	94425	20.25	ng/ul	95
40) Hexachlorocyclopentadiene	13.026	237	37091	16.56	ng/ul	98
41) 2,4,6-Trichlorophenol	13.291	196	60345	19.77	ng/ul	96
42) 2,4,5-Trichlorophenol	13.361	196	62258	19.00	ng/ul	100
43) 1,1'-Biphenyl	13.684	154	227506	19.45	ng/ul	97
44) 2-Chloronaphthalene	13.731	162	182197	19.87	ng/ul	98
45) 2-Nitroaniline	13.931	65	68510	18.81	ng/ul	98
47) Dimethylphthalate	14.289	163	234148	19.12	ng/ul	99
48) 2,6-Dinitrotoluene	14.419	165	49445	19.29	ng/ul	98
50) Acenaphthylene	14.577	152	298053	19.49	ng/ul	99
51) 3-Nitroaniline	14.754	138	53821	20.31	ng/ul	90
52) Acenaphthene	14.912	153	197248	19.62	ng/ul	98
53) 2,4-Dinitrophenol	14.965	184	18524	13.10	ng/ul	89
55) 4-Nitrophenol	15.053	109	35839	17.60	ng/ul	96
56) Dibenzofuran	15.247	168	279504	19.42	ng/ul	98
57) 2,4-Dinitrotoluene	15.206	165	70262	19.21	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.470	232	50411	19.58	ng/ul#	99
59) Diethylphthalate	15.647	149	249744	19.06	ng/ul	99
61) Fluorene	15.893	166	219242	19.25	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.876	204	117648	19.83	ng/ul	96
63) 4-Nitroaniline	15.911	138	54678	20.79	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.970	198	37557	17.89	ng/ul	99
67) N-Nitrosodiphenylamine	16.093	169	197218	19.87	ng/ul	98
68) 4-Bromophenyl-phenylether	16.775	248	71072	20.12	ng/ul	96
69) Hexachlorobenzene	16.892	284	74056	20.40	ng/ul	98
70) Atrazine	17.033	200	81700	19.41	ng/ul	97
71) Pentachlorophenol	17.239	266	28315	16.99	ng/ul	100
72) Phenanthrene	17.638	178	370082	19.53	ng/ul	100
74) Anthracene	17.727	178	372813	19.61	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.655	216	100006	20.69	ng/uL	99
76) Pentachlorobenzene	15.165	250	91221	20.37	ng/uL	99
77) Carbazole	17.997	167	340645	19.99	ng/ul	99
78) Di-n-butylphthalate	18.531	149	432297	19.30	ng/ul	99
80) Fluoranthene	19.636	202	453770	19.32	ng/ul	99
82) Pyrene	20.000	202	443268	19.31	ng/ul	98
83) Butylbenzylphthalate	20.864	149	188508	19.10	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.775	252	144873	19.63	ng/ul	98
85) Benzo(a)anthracene	21.869	228	401008	19.11	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.740	149	268313	18.94	ng/ul	99
87) Chrysene	21.939	228	382649	19.09	ng/ul	99
89) Di-n-octyl phthalate	23.009	149	457896	18.48	ng/ul	100
90) Benzo(b)fluoranthene	24.201	252	410629	18.94	ng/ul	99
91) Benzo(k)fluoranthene	24.272	252	371091	18.24	ng/ul	98
93) Benzo(a)pyrene	25.130	252	382275	18.51	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.190	276	430673	18.73	ng/ul	96
95) Dibenzo(a,h)anthracene	29.248	278	364575	18.74	ng/ul	97
96) Benzo(g,h,i)perylene	30.412	276	358044	18.61	ng/ul	97

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