Quantitation Report (QT Reviewed)

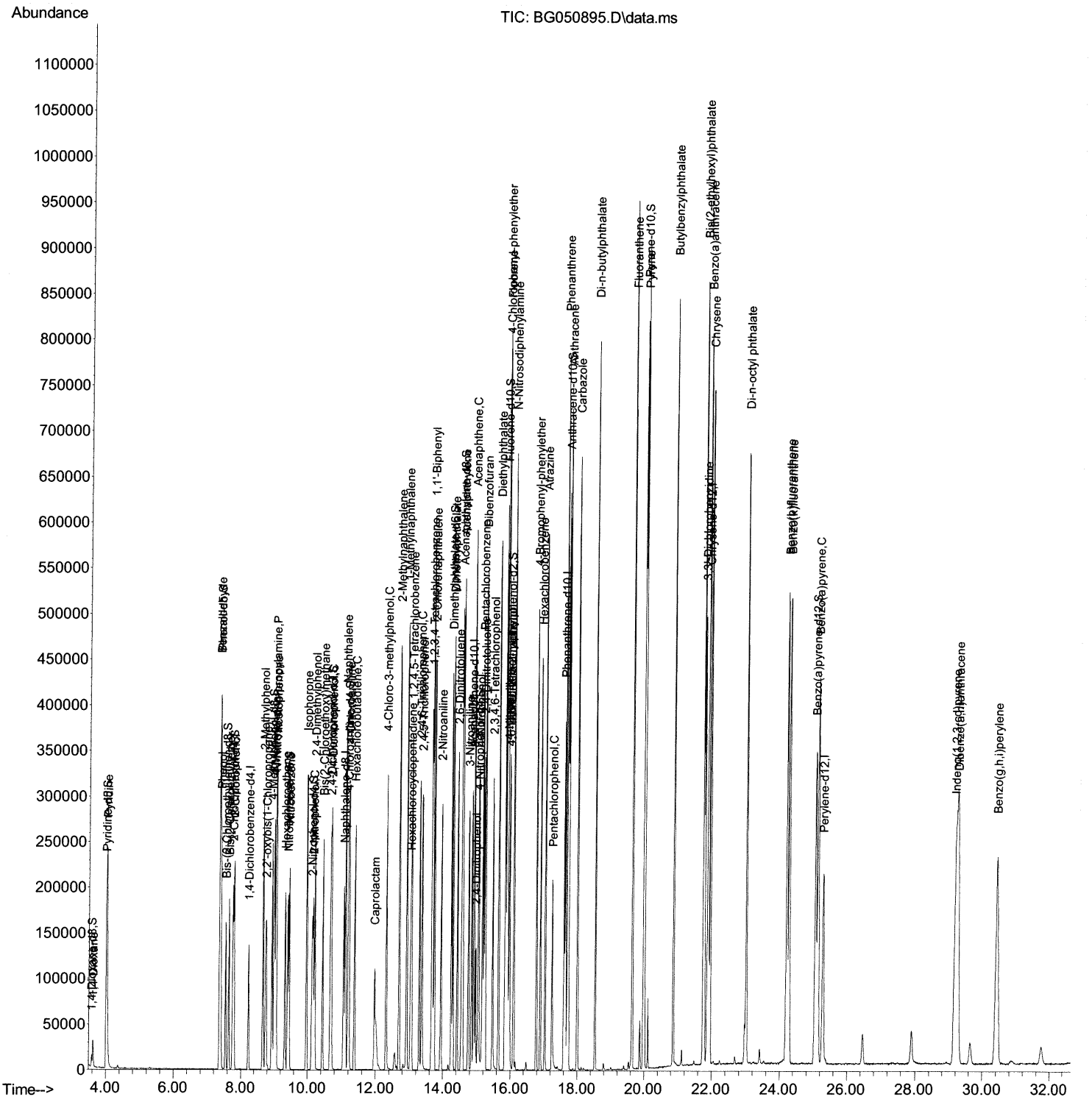
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050895.D
Acq On : 9 Nov 2021 1:49
Operator : CG/JU
Sample : PB140423BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 09 01:30:18 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
ClientSampleId :
SLCS423

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



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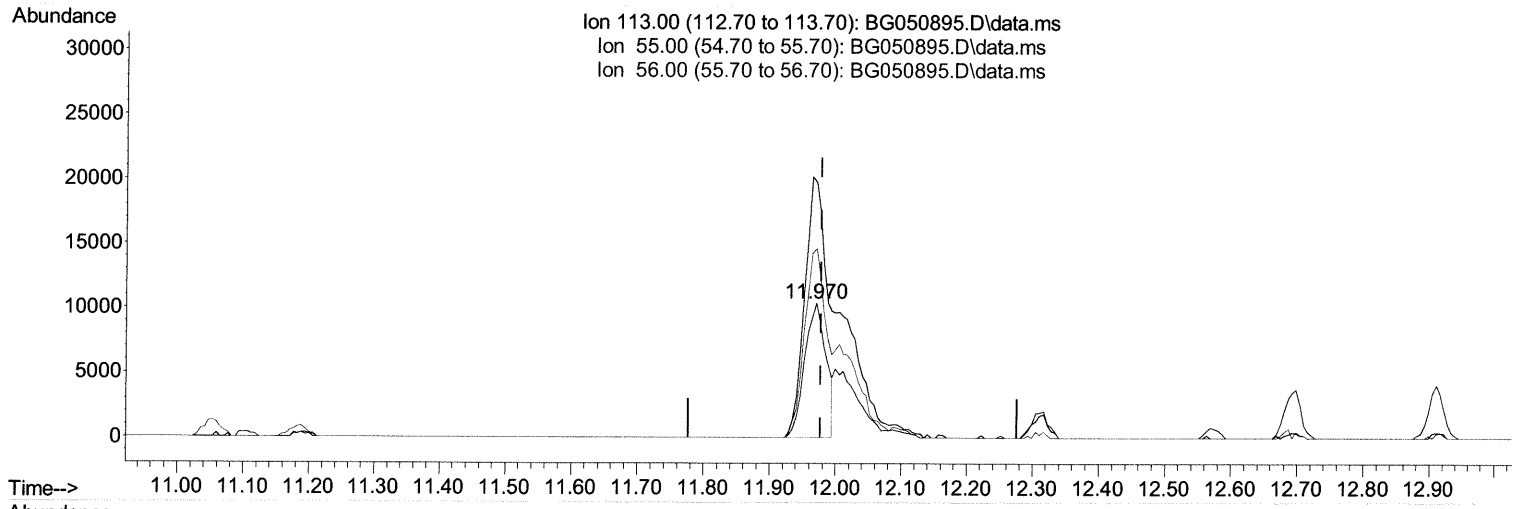

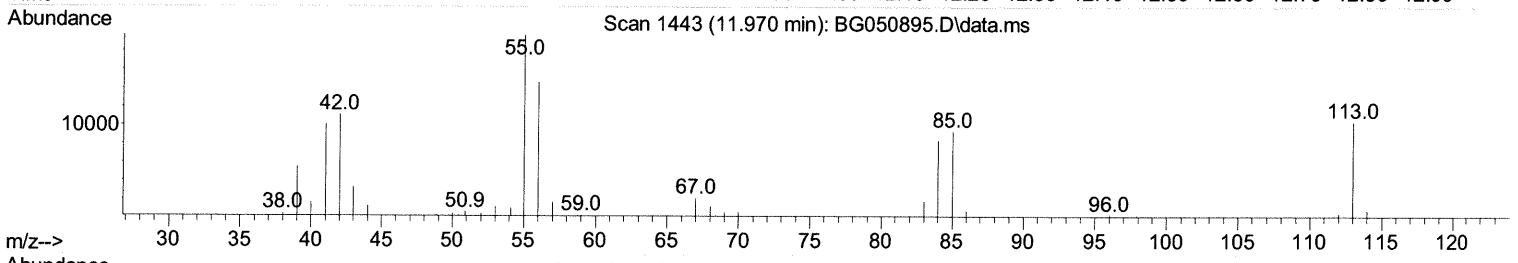

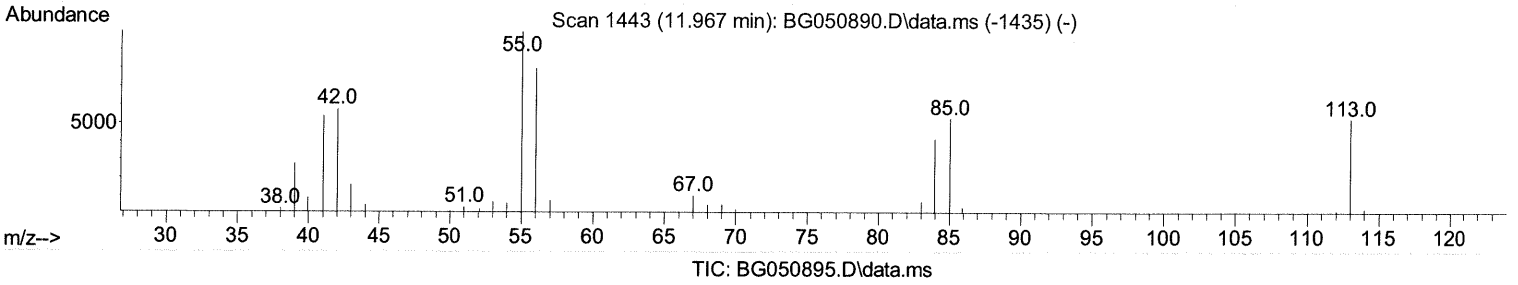

TIC: BG050895.D\data.ms

(34) Caprolactam

11.970min (-0.007) 20.75 ng/ul

response 23100

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	189.50
56.00	136.50	140.63
0.00	0.00	0.00

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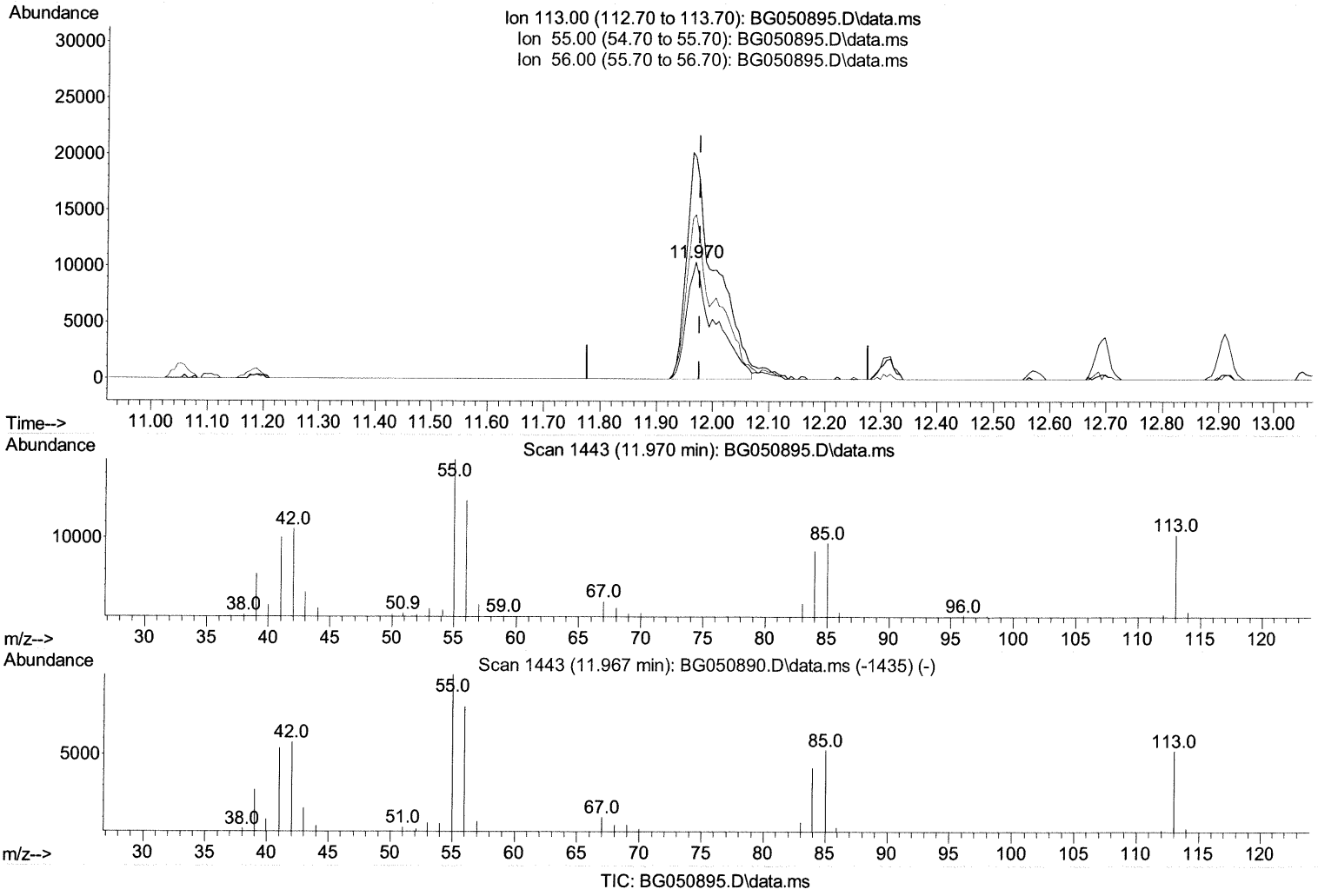

TIC: BG050895.D\data.ms

(34) Caprolactam

11.970min (-0.007) 32.93 ng/ul m 11/11/21 JU

response 36659

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	189.50
56.00	136.50	140.63
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	8.227	152	38060	20.000	ng/ul	0.00
20) Naphthalene-d8	11.053	136	168875	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.849	164	111610	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.598	188	245836	20.000	ng/ul	0.00
79) Chrysene-d12	21.893	240	205611	20.000	ng/ul	-0.01
88) Perylene-d12	25.295	264	206459	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.586	96	7110	6.029	ng/uL	0.00
4) Pyridine-d5	4.009	84	107030	30.339	ng/ul	0.00
7) Phenol-d5	7.369	99	127181	31.323	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.546	67	82496	31.453	ng/ul	0.00
11) 2-Chlorophenol-d4	7.757	132	89494	31.804	ng/ul	0.00
15) 4-Methylphenol-d8	8.926	113	97437	30.482	ng/ul	0.00
21) Nitrobenzene-d5	9.402	128	47398	33.027	ng/ul	0.00
24) 2-Nitrophenol-d4	10.125	143	51520	32.286	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.665	165	87151	32.422	ng/ul	0.00
31) 4-Chloroaniline-d4	11.182	131	122316	30.048	ng/ul	0.00
46) Dimethylphthalate-d6	14.244	166	281320	32.946	ng/ul	0.00
49) Acenaphthylene-d8	14.549	160	352271	33.113	ng/ul	0.00
54) 4-Nitrophenol-d4	15.037	143	50473	32.600	ng/ul	0.00
60) Fluorene-d10	15.842	176	242899	32.111	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.959	200	48039	32.231	ng/ul	0.00
73) Anthracene-d10	17.698	188	370605	31.886	ng/ul	0.00
81) Pyrene-d10	19.972	212	440142	33.143	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.054	264	368764	32.310	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.627	88	17451	13.473	ng/uL	97
5) Pyridine	4.032	79	119749	32.792	ng/ul	97
6) Benzaldehyde	7.363	77	95449	37.271	ng/ul	96
8) Phenol	7.399	94	139247	33.152	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.640	93	108409	34.482	ng/ul	99
12) 2-Chlorophenol	7.786	128	98140	34.350	ng/ul	97
13) 2-Methylphenol	8.662	108	103179	33.235	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.744	45	166599	33.643	ng/ul	98
16) Acetophenone	9.056	105	162689	32.763	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.032	70	96674	32.268	ng/ul	99
18) 4-Methylphenol	8.991	108	109359	33.083	ng/ul	96
19) Hexachloroethane	9.320	117	40679	34.054	ng/ul	95
22) Nitrobenzene	9.443	77	141435	35.337	ng/ul	98
23) Isophorone	9.960	82	266442	34.300	ng/ul	100
25) 2-Nitrophenol	10.160	139	57094	35.664	ng/ul	99
26) 2,4-Dimethylphenol	10.201	107	110003	31.222	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.442	93	146708	35.052	ng/ul	98
29) 2,4-Dichlorophenol	10.695	162	91863	35.036	ng/ul	96
30) Naphthalene	11.106	128	320063	34.660	ng/ul	98
32) 4-Chloroaniline	11.206	127	133981	33.147	ng/ul	100
33) Hexachlorobutadiene	11.376	225	59728	34.708	ng/ul	96
34) Caprolactam	11.970	113	36659m >	32.934	ng/ul >	11/11/21 JU
35) 4-Chloro-3-methylphenol	12.311	107	114810	34.278	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.692	142	212244	33.737	ng/ul	97
37) 1-Methylnaphthalene	12.910	142	217363	34.098	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.057	216	116623	35.861	ng/ul	97
40) Hexachlorocyclopentadiene	13.027	237	46089	29.513	ng/ul	95
41) 2,4,6-Trichlorophenol	13.292	196	76529	35.963	ng/ul	98
42) 2,4,5-Trichlorophenol	13.362	196	83317	36.469	ng/ul	99
43) 1,1'-Biphenyl	13.685	154	287123	35.196	ng/ul	99
44) 2-Chloronaphthalene	13.738	162	225443	35.265	ng/ul	96
45) 2-Nitroaniline	13.938	65	90391	35.588	ng/ul	95
47) Dimethylphthalate	14.291	163	303068	35.497	ng/ul	99
48) 2,6-Dinitrotoluene	14.426	165	65008	36.379	ng/ul	92
50) Acenaphthylene	14.579	152	375526	35.220	ng/ul	99
51) 3-Nitroaniline	14.755	138	67397	36.466	ng/ul	95
52) Acenaphthene	14.913	153	247392	35.287	ng/ul	96
53) 2,4-Dinitrophenol	14.966	184	30787	31.230	ng/ul	94
55) 4-Nitrophenol	15.054	109	49783	35.061	ng/ul	96
56) Dibenzofuran	15.248	168	351348	35.011	ng/ul	100
57) 2,4-Dinitrotoluene	15.207	165	94221	36.946	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.472	232	63222	35.213	ng/ul	98
59) Diethylphthalate	15.648	149	321668	35.197	ng/ul	99
61) Fluorene	15.895	166	277410	34.926	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.883	204	142509	34.455	ng/ul	97
63) 4-Nitroaniline	15.918	138	68443	37.329	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.971	198	50761	34.924	ng/ul	98
67) N-Nitrosodiphenylamine	16.094	169	246144	35.820	ng/ul	99
68) 4-Bromophenyl-phenylether	16.776	248	88358	36.132	ng/ul	96
69) Hexachlorobenzene	16.899	284	89846	35.739	ng/ul	97
70) Atrazine	17.034	200	99888	34.278	ng/ul	98
71) Pentachlorophenol	17.246	266	41949	36.345	ng/ul	94
72) Phenanthrene	17.640	178	473850	36.109	ng/ul	99
74) Anthracene	17.734	178	454908	34.550	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.656	216	119664	35.749	ng/uL	96
76) Pentachlorobenzene	15.166	250	106911	34.471	ng/uL	100
77) Carbazole	17.998	167	433765	36.756	ng/ul	98
78) Di-n-butylphthalate	18.533	149	554592	35.764	ng/ul	99
80) Fluoranthene	19.637	202	571278	35.844	ng/ul	99
82) Pyrene	20.002	202	550187	35.330	ng/ul	99
83) Butylbenzylphthalate	20.865	149	244079	36.448	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.782	252	171141	34.178	ng/ul	99
85) Benzo(a)anthracene	21.876	228	511138	35.909	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.741	149	345598	35.953	ng/ul	98
87) Chrysene	21.940	228	479288	35.248	ng/ul	100
89) Di-n-octyl phthalate	23.010	149	593668	35.320	ng/ul	100
90) Benzo(b)fluoranthene	24.208	252	524444	35.657	ng/ul	99
91) Benzo(k)fluoranthene	24.279	252	466886	33.828	ng/ul	99
93) Benzo(a)pyrene	25.131	252	488394	34.865	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.191	276	545998	35.014	ng/ul	97
95) Dibenzo(a,h)anthracene	29.273	278	458777	34.771	ng/ul	97
96) Benzo(g,h,i)perylene	30.425	276	453122	34.713	ng/ul	97

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