Quantitation Report (QT Reviewed)

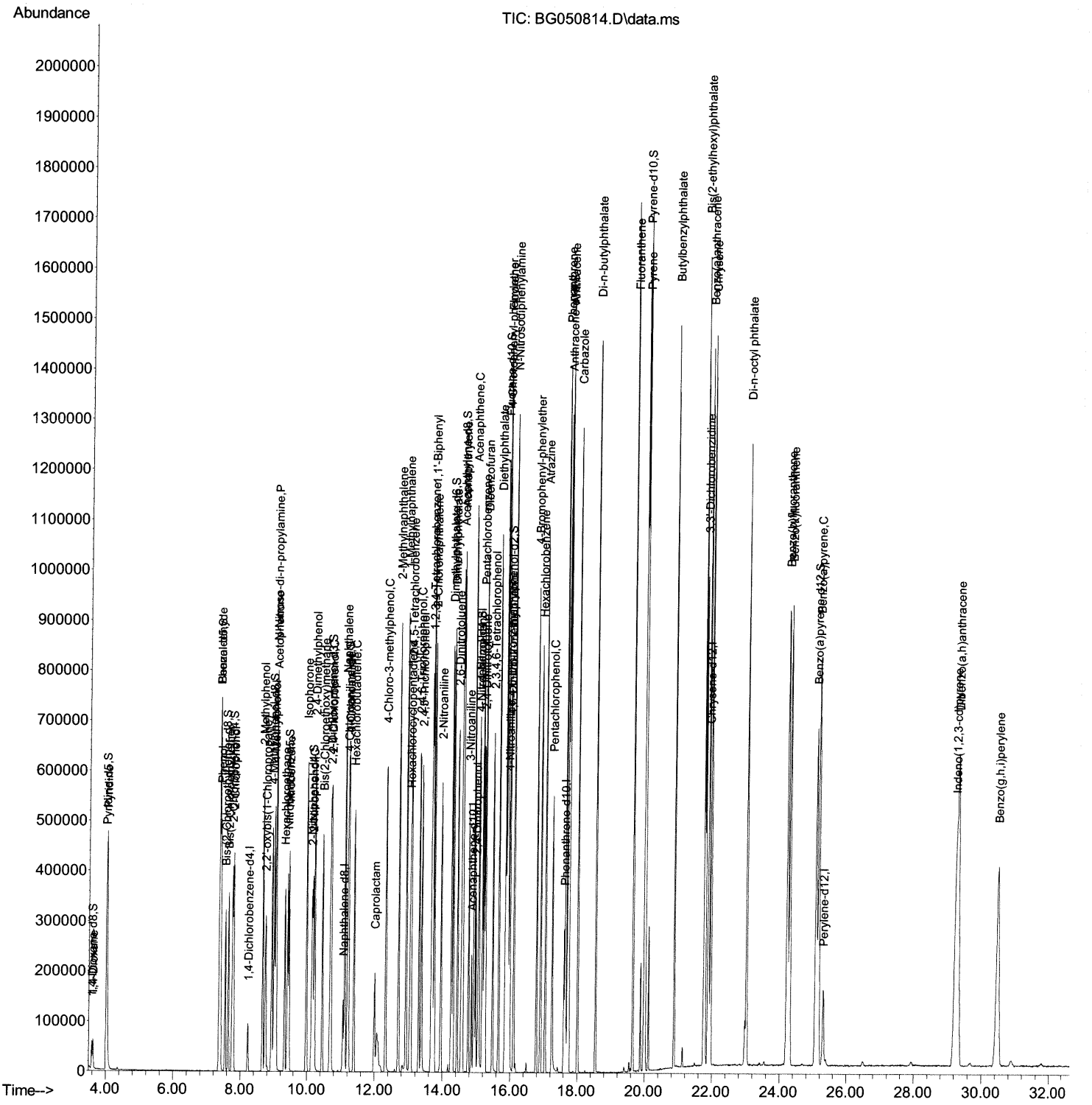
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050814.D
Acq On : 2 Nov 2021 12:11
Operator : CG/JU
Sample : SSTD08016
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 02 14:33:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:25:39 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080416

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/08/2021



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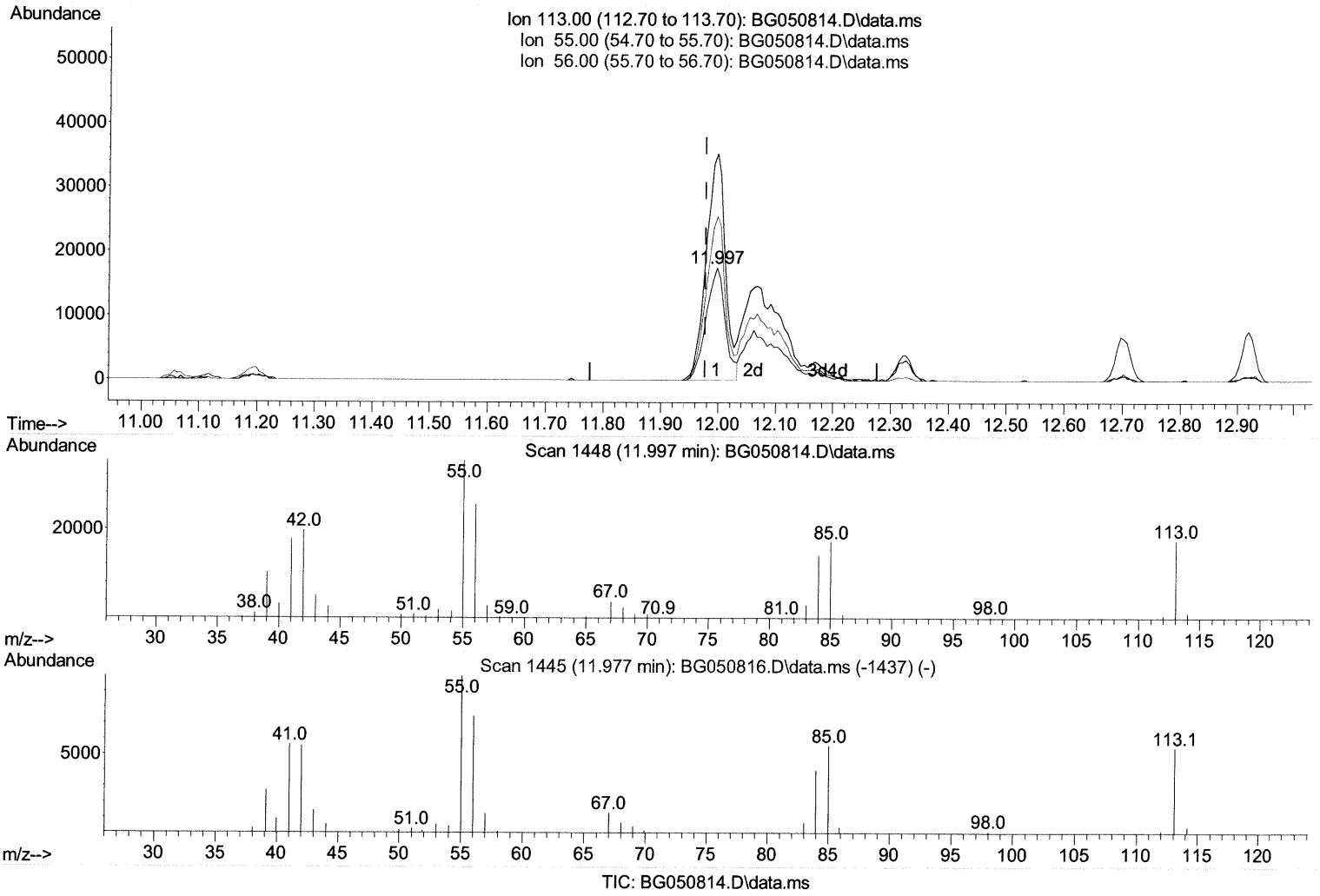

TIC: BG050814.D\data.ms

(34) Caprolactam

11.997min (+ 0.020) 50.84 ng/ul

response 40926

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	201.28
56.00	136.50	145.31
0.00	0.00	0.00

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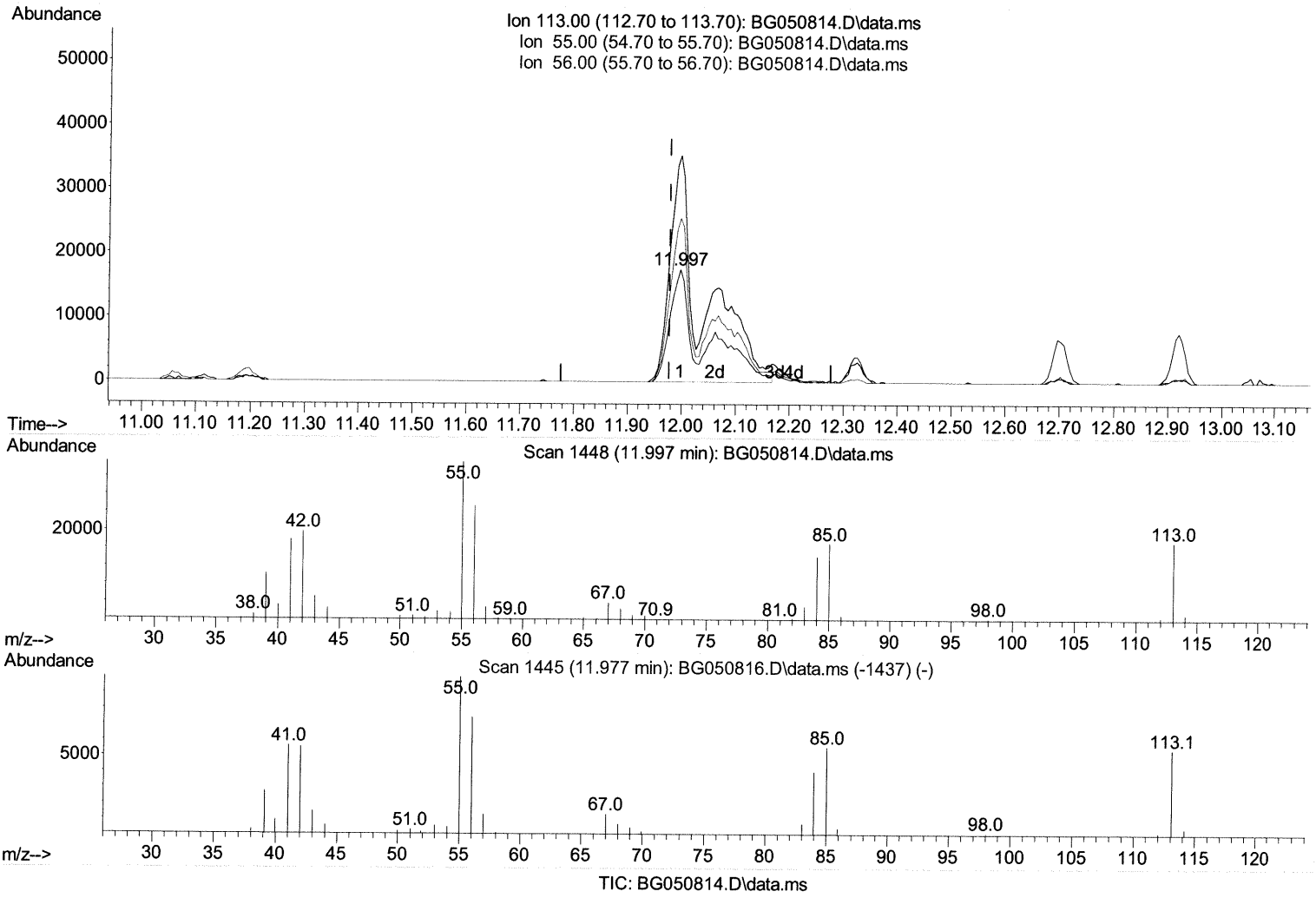

TIC: BG050814.D\data.ms

(34) Caprolactam

11.997min (+ 0.020) 92.23 ng/ul m 11/04/21 JU

response 74239

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	201.28
56.00	136.50	145.31
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	8.237	152	25929	20.000	ng/ul	0.00
20) Naphthalene-d8	11.063	136	122054	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.858	164	81312	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.602	188	186323	20.000	ng/ul	0.00
79) Chrysene-d12	21.903	240	149539	20.000	ng/ul	0.00
88) Perylene-d12	25.305	264	149023	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	30473	37.932	ng/uL	0.00
4) Pyridine-d5	4.012	84	225160	93.660	ng/ul	0.00
7) Phenol-d5	7.379	99	260617	94.216	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.549	67	162586	90.990	ng/ul	0.00
11) 2-Chlorophenol-d4	7.761	132	181449	94.651	ng/ul	0.00
15) 4-Methylphenol-d8	8.942	113	201738	92.640	ng/ul	0.00
21) Nitrobenzene-d5	9.412	128	98696	95.154	ng/ul	0.00
24) 2-Nitrophenol-d4	10.134	143	112043	97.150	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	184412	94.924	ng/ul	0.00
31) 4-Chloroaniline-d4	11.192	131	266239	90.494	ng/ul	0.00
46) Dimethylphthalate-d6	14.253	166	572966	92.104	ng/ul	0.00
49) Acenaphthylene-d8	14.559	160	711462	91.796	ng/ul	0.00
54) 4-Nitrophenol-d4	15.058	143	110158	97.663	ng/ul	0.01
60) Fluorene-d10	15.851	176	503328	91.334	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.969	200	111661	98.847	ng/ul	0.00
73) Anthracene-d10	17.708	188	772062	87.643	ng/ul	0.00
81) Pyrene-d10	19.982	212	877647	90.868	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.087	264	757345	91.930	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.624	88	33137	37.554	ng/uL	95
5) Pyridine	4.036	79	233555	93.540	ng/ul	98
6) Benzaldehyde	7.367	77	163804	93.887	ng/ul	95
8) Phenol	7.408	94	264586	92.465	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.643	93	198009	92.448	ng/ul	99
12) 2-Chlorophenol	7.796	128	180382	92.674	ng/ul	97
13) 2-Methylphenol	8.671	108	198974	94.076	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.754	45	305448	90.539	ng/ul	99
16) Acetophenone	9.065	105	305559	90.324	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.053	70	185104	90.689	ng/ul	96
18) 4-Methylphenol	9.006	108	207498	92.140	ng/ul	98
19) Hexachloroethane	9.324	117	76844	94.426	ng/ul	98
22) Nitrobenzene	9.453	77	263503	91.089	ng/ul	98
23) Isophorone	9.976	82	515609	91.839	ng/ul	99
25) 2-Nitrophenol	10.164	139	112552	97.275	ng/ul	96
26) 2,4-Dimethylphenol	10.211	107	234948	92.265	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.452	93	277795	91.833	ng/ul	98
29) 2,4-Dichlorophenol	10.704	162	179218	94.574	ng/ul	98
30) Naphthalene	11.116	128	604059	90.507	ng/ul	98
32) 4-Chloroaniline	11.221	127	267355	91.518	ng/ul	100
33) Hexachlorobutadiene	11.380	225	114851	92.341	ng/ul	97
34) Caprolactam	11.997	113	74239m>	92.226	ng/ul	> 11/04/2021
35) 4-Chloro-3-methylphenol	12.326	107	227529	93.990	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.702	142	410220	90.220	ng/ul	100
37)	1-Methylnaphthalene	12.919	142	416560	90.415	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	13.060	216	221214	93.369	ng/ul	96
40)	Hexachlorocyclopentadiene	13.037	237	121452	106.749	ng/ul	99
41)	2,4,6-Trichlorophenol	13.301	196	156462	100.923	ng/ul	99
42)	2,4,5-Trichlorophenol	13.378	196	162623	97.707	ng/ul	99
43)	1,1'-Biphenyl	13.695	154	537298	90.403	ng/ul	100
44)	2-Chloronaphthalene	13.748	162	425703	91.402	ng/ul	98
45)	2-Nitroaniline	13.948	65	179140	96.810	ng/ul	96
47)	Dimethylphthalate	14.306	163	562803	90.480	ng/ul	99
48)	2,6-Dinitrotoluene	14.435	165	127315	97.793	ng/ul	97
50)	Acenaphthylene	14.588	152	699789	90.089	ng/ul	98
51)	3-Nitroaniline	14.764	138	128042	95.094	ng/ul	89
52)	Acenaphthene	14.923	153	470131	92.044	ng/ul	96
53)	2,4-Dinitrophenol	14.976	184	76043	105.881	ng/ul	96
55)	4-Nitrophenol	15.070	109	100802	97.444	ng/ul	98
56)	Dibenzofuran	15.258	168	652678	89.273	ng/ul	97
57)	2,4-Dinitrotoluene	15.223	165	178339	95.986	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.481	232	134210	102.606	ng/ul	99
59)	Diethylphthalate	15.657	149	606802	91.137	ng/ul	98
61)	Fluorene	15.904	166	512182	88.511	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.887	204	275733	91.507	ng/ul	99
63)	4-Nitroaniline	15.934	138	127917	95.762	ng/ul	95
66)	4,6-Dinitro-2-methylph...	15.986	198	108154	98.177	ng/ul#	99
67)	N-Nitrosodiphenylamine	16.104	169	470945	90.424	ng/ul	99
68)	4-Bromophenyl-phenylether	16.785	248	175162	94.509	ng/ul	95
69)	Hexachlorobenzene	16.909	284	176400	92.580	ng/ul	98
70)	Atrazine	17.044	200	201949	91.438	ng/ul	99
71)	Pentachlorophenol	17.250	266	97395	111.337	ng/ul	95
72)	Phenanthrene	17.649	178	879097	88.388	ng/ul	97
74)	Anthracene	17.743	178	861883	86.368	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.666	216	236347	93.161	ng/uL	97
76)	Pentachlorobenzene	15.176	250	220732	93.901	ng/uL	99
77)	Carbazole	18.008	167	812259	90.812	ng/ul	97
78)	Di-n-butylphthalate	18.542	149	1023947	87.122	ng/ul	99
80)	Fluoranthene	19.647	202	1047953	90.408	ng/ul	99
82)	Pyrene	20.011	202	998813	88.188	ng/ul	98
83)	Butylbenzylphthalate	20.875	149	453646	93.144	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.791	252	343392	94.292	ng/ul	100
85)	Benzo(a)anthracene	21.885	228	942053	90.998	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.750	149	645624	92.350	ng/ul	100
87)	Chrysene	21.956	228	897381	90.741	ng/ul	98
89)	Di-n-octyl phthalate	23.025	149	1098238	90.522	ng/ul	100
90)	Benzo(b)fluoranthene	24.224	252	953056	89.773	ng/ul	98
91)	Benzo(k)fluoranthene	24.300	252	893529	89.693	ng/ul	98
93)	Benzo(a)pyrene	25.164	252	914312	90.424	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.247	276	1044221	92.685	ng/ul	98
95)	Dibenzo(a,h)anthracene	29.306	278	872339	91.541	ng/ul	100
96)	Benzo(g,h,i)perylene	30.481	276	872500	92.710	ng/ul	98

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