Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\

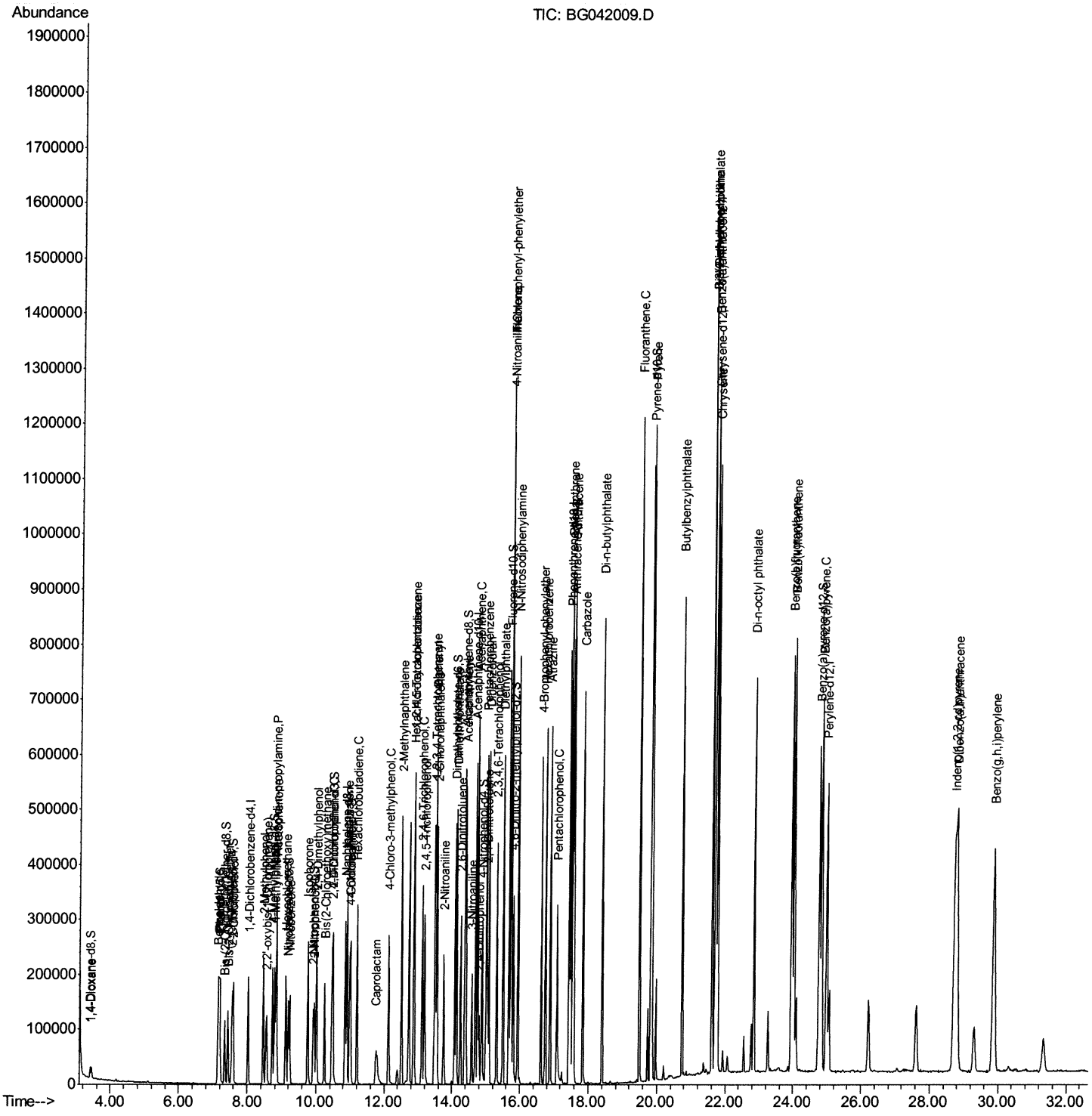
Quantitation Report (QT Reviewed)

Data File : BG042009.D
Acq On : 6 Aug 2019 22:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 07 02:21:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 01:34:07 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02087

Manual Integrations APPROVED
mohammad
8/7/2019 4:40:05 PM



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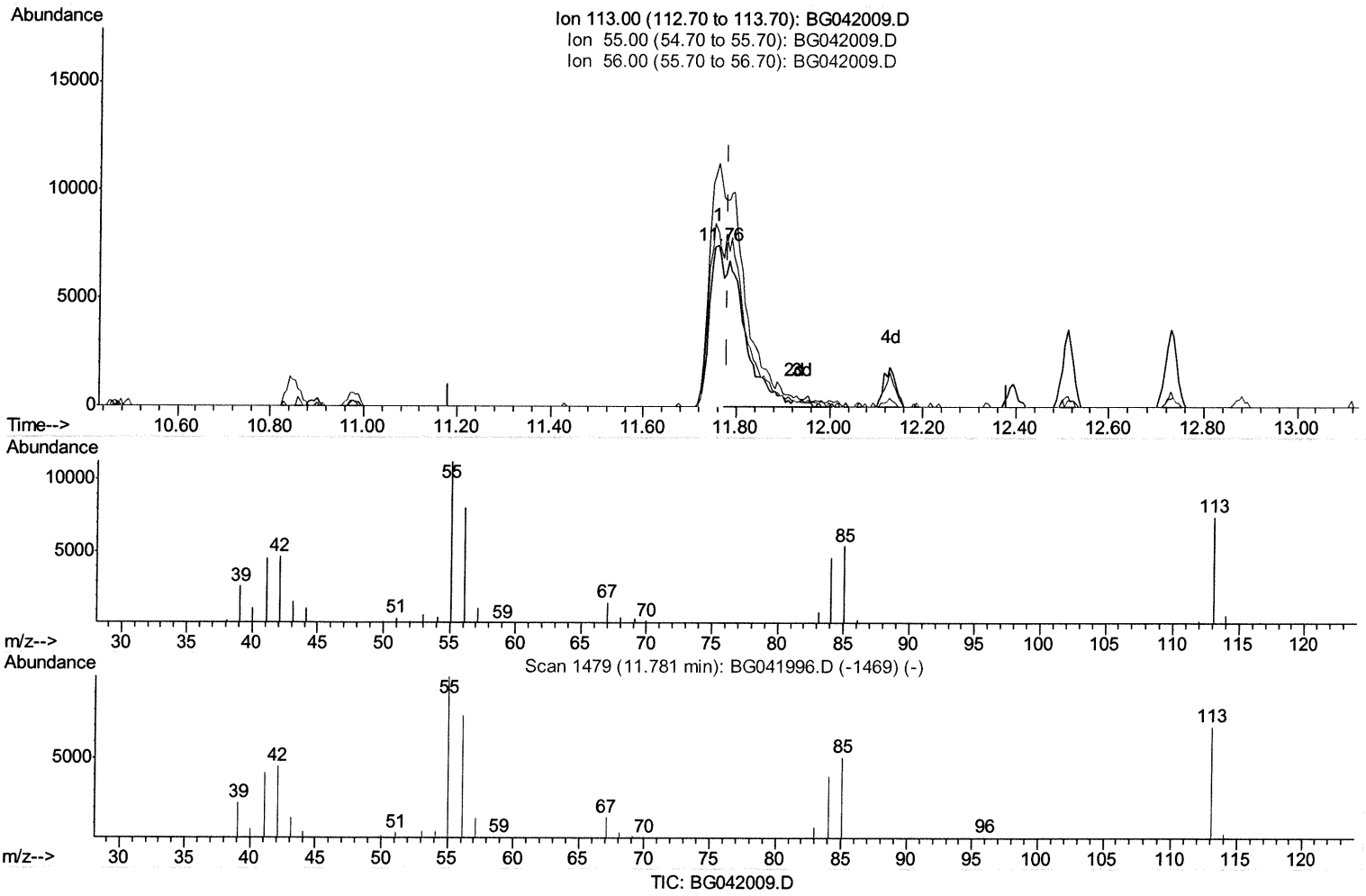

TIC: BG042009.D

(32) Caprolactam

11.759min (-0.022) 9.43ng/ul

response 15227

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	150.99
56.00	136.80	108.14#
0.00	0.00	0.00

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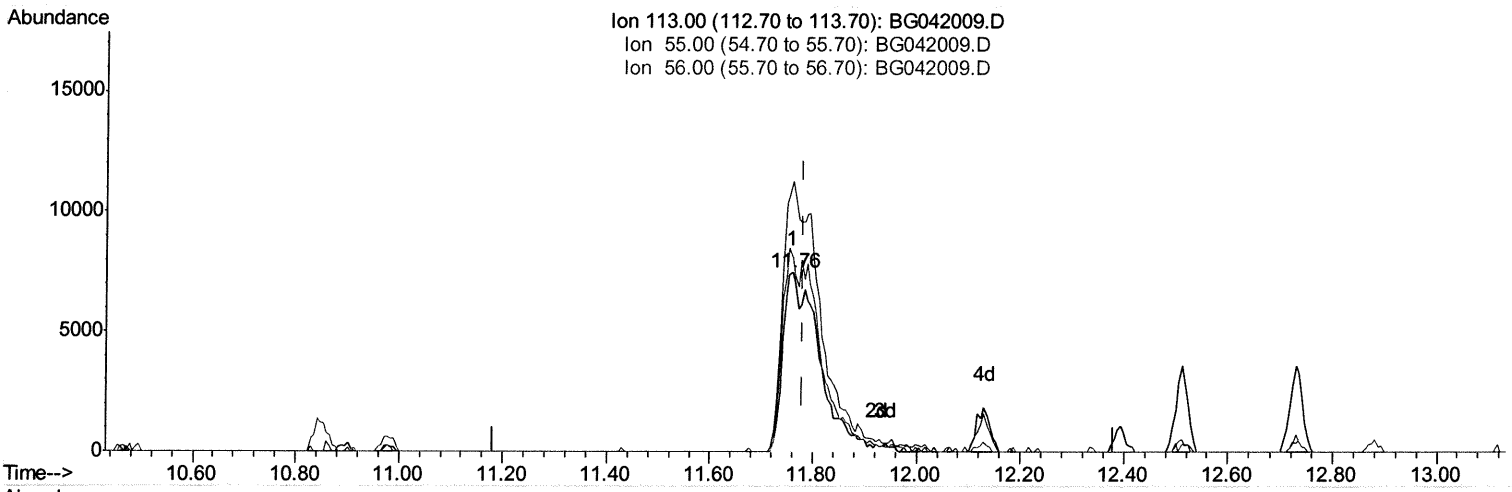

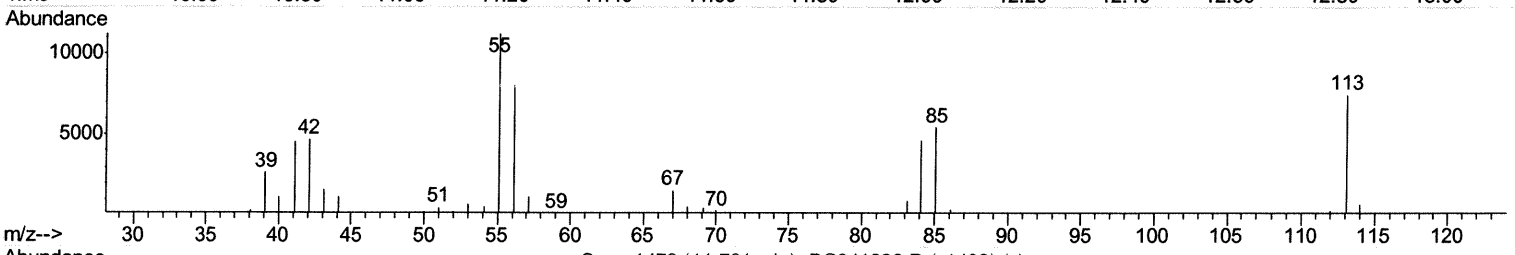

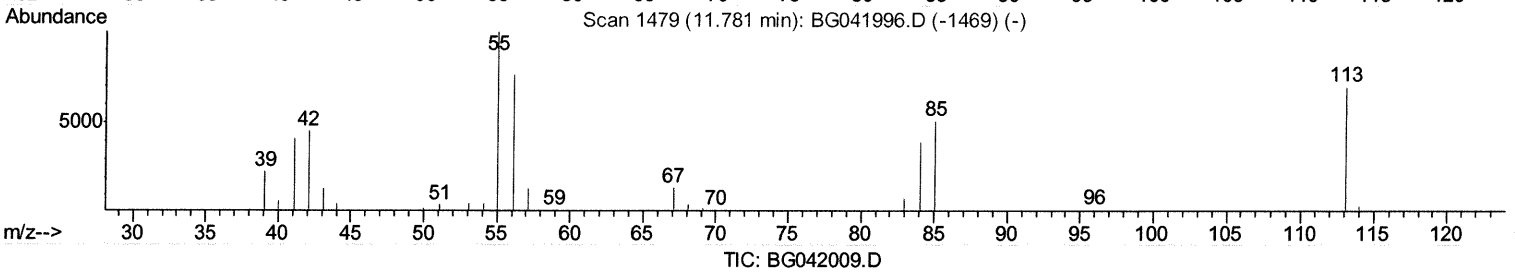

(32) Caprolactam

11.759min (-0.022) 23.16ng/ul m JU 08/08/19

response 37382

Ion	Exp%	Act%
113.00	100	100
55.00	178.00	150.99
56.00	136.80	108.14#
0.00	0.00	0.00

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8/7/2019 4:40:05 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	66598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	285141	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	220795	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	526540	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	530806	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	618506	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	11978	7.87	ng/uL	0.00
5) Phenol-d5	7.18	99	106732	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	54787	18.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	92969	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	91714	20.90	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	46309	21.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	55946	22.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	116062	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	134502	24.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	375407	21.92	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	419545	21.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	64683	22.50	ng/ul	0.00
57) Fluorene-d10	15.68	176	335316	22.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	73768	21.84	ng/ul	0.00
70) Anthracene-d10	17.53	188	545262	21.58	ng/ul	0.00
78) Pyrene-d10	19.83	212	648540	21.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	715485	22.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	11924	7.561	ng/uL#	89
4) Benzaldehyde	7.15	77	48531	19.652	ng/ul	87
6) Phenol	7.20	94	111432	20.655	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.43	93	83070	20.240	ng/ul	94
10) 2-Chlorophenol	7.59	128	95756	21.141	ng/ul	95
11) 2-Methylphenol	8.46	108	89032	20.584	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.56	45	116491	16.779	ng/ul#	93
14) Acetophenone	8.85	105	143884	21.320	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.83	70	69046	19.367	ng/ul	97
16) 4-Methylphenol	8.80	108	97794	20.928	ng/ul	92
17) Hexachloroethane	9.12	117	36950	19.700	ng/ul	90
20) Nitrobenzene	9.23	77	97794	20.004	ng/ul	93
21) Isophorone	9.76	82	196559	20.166	ng/ul#	94
23) 2-Nitrophenol	9.96	139	59382	22.303	ng/ul	91
24) 2,4-Dimethylphenol	10.01	107	104465	19.886	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.25	93	117234	20.258	ng/ul	98
27) 2,4-Dichlorophenol	10.49	162	112564	22.562	ng/ul	98
28) Naphthalene	10.90	128	312410	21.431	ng/ul	99
30) 4-Chloroaniline	11.01	127	136483	24.326	ng/ul	97
31) Hexachlorobutadiene	11.19	225	83848	22.136	ng/ul	99
32) Caprolactam	11.76	113	37382m	23.159	ng/ul	99
33) 4-Chloro-3-methylphenol	12.13	107	109647	22.306	ng/ul	94
34) 2-Methylnaphthalene	12.51	142	254591	21.973	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	168554	21.351	ng/ul#	98
37) Hexachlorocyclopentadiene	12.86	237	100338	20.132	ng/ul	95
38) 2,4,6-Trichlorophenol	13.12	196	109083	22.328	ng/ul	96
39) 2,4,5-Trichlorophenol	13.19	196	120184	22.054	ng/ul	97
40) 1,1'-Biphenyl	13.52	154	344030	21.429	ng/ul	98
41) 2-Chloronaphthalene	13.56	162	275504	21.311	ng/ul	99
42) 2-Nitroaniline	13.76	65	66293	19.603	ng/ul	84
44) Dimethylphthalate	14.13	163	371649	21.858	ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	84282	22.789	ng/ul	94
47) Acenaphthylene	14.41	152	422901	21.420	ng/ul	100
48) 3-Nitroaniline	14.58	138	66216	22.451	ng/ul	89
49) Acenaphthene	14.75	153	296076	21.447	ng/ul	99
50) 2,4-Dinitrophenol	14.79	184	45858	22.661	ng/ul	99
52) 4-Nitrophenol	14.88	109	44223	20.755	ng/ul	92
53) Dibenzofuran	15.08	168	450861	21.883	ng/ul	100
54) 2,4-Dinitrotoluene	15.04	165	121026	22.507	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.31	232	118719	22.988	ng/ul	95
56) Diethylphthalate	15.50	149	370076	21.880	ng/ul	97
58) Fluorene	15.74	166	360000	21.693	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.72	204	211647	21.963	ng/ul	99
60) 4-Nitroaniline	15.74	138	69205	21.061	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.81	198	79865	21.944	ng/ul	98
64) N-Nitrosodiphenylamine	15.94	169	339849	21.755	ng/ul	97
65) 4-Bromophenyl-phenylether	16.62	248	153675	22.046	ng/ul	95
66) Hexachlorobenzene	16.75	284	157739	22.531	ng/ul	93
67) Atrazine	16.89	200	145494	22.223	ng/ul	98
68) Pentachlorophenol	17.09	266	92428	24.239	ng/ul	95
69) Phenanthrene	17.48	178	622347	21.590	ng/ul	100
71) Anthracene	17.57	178	634991	21.719	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	172419	20.549	ng/uL	98
73) Pentachlorobenzene	15.01	250	183869	21.673	ng/uL	98
74) Carbazole	17.84	167	554721	22.906	ng/ul	100
75) Di-n-butylphthalate	18.40	149	637949	21.373	ng/ul	99
76) Fluoranthene	19.49	202	790252	23.727	ng/ul	98
79) Pyrene	19.86	202	777156	21.766	ng/ul	98
80) Butylbenzylphthalate	20.74	149	297247	21.151	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.61	252	285974	23.704	ng/ul	99
82) Benzo(a)anthracene	21.70	228	798504	21.696	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	414421	21.612	ng/ul	99
84) Chrysene	21.76	228	745696	21.709	ng/ul	98
86) Di-n-octyl phthalate	22.84	149	710586	23.221	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	835506	21.526	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	827340	22.169	ng/ul	100
90) Benzo(a)pyrene	24.83	252	816761	22.082	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	967755	22.432	ng/ul	99
92) Dibenzo(a,h)anthracene	28.77	278	794237	22.570	ng/ul	98
93) Benzo(g,h,i)perylene	29.87	276	808523	22.448	ng/ul	99

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