Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022420\
Data File : BN009866.D
Acq On : 24 Feb 2020 16:51
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 24 17:48:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 14:00:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02058

Manual Integrations APPROVED
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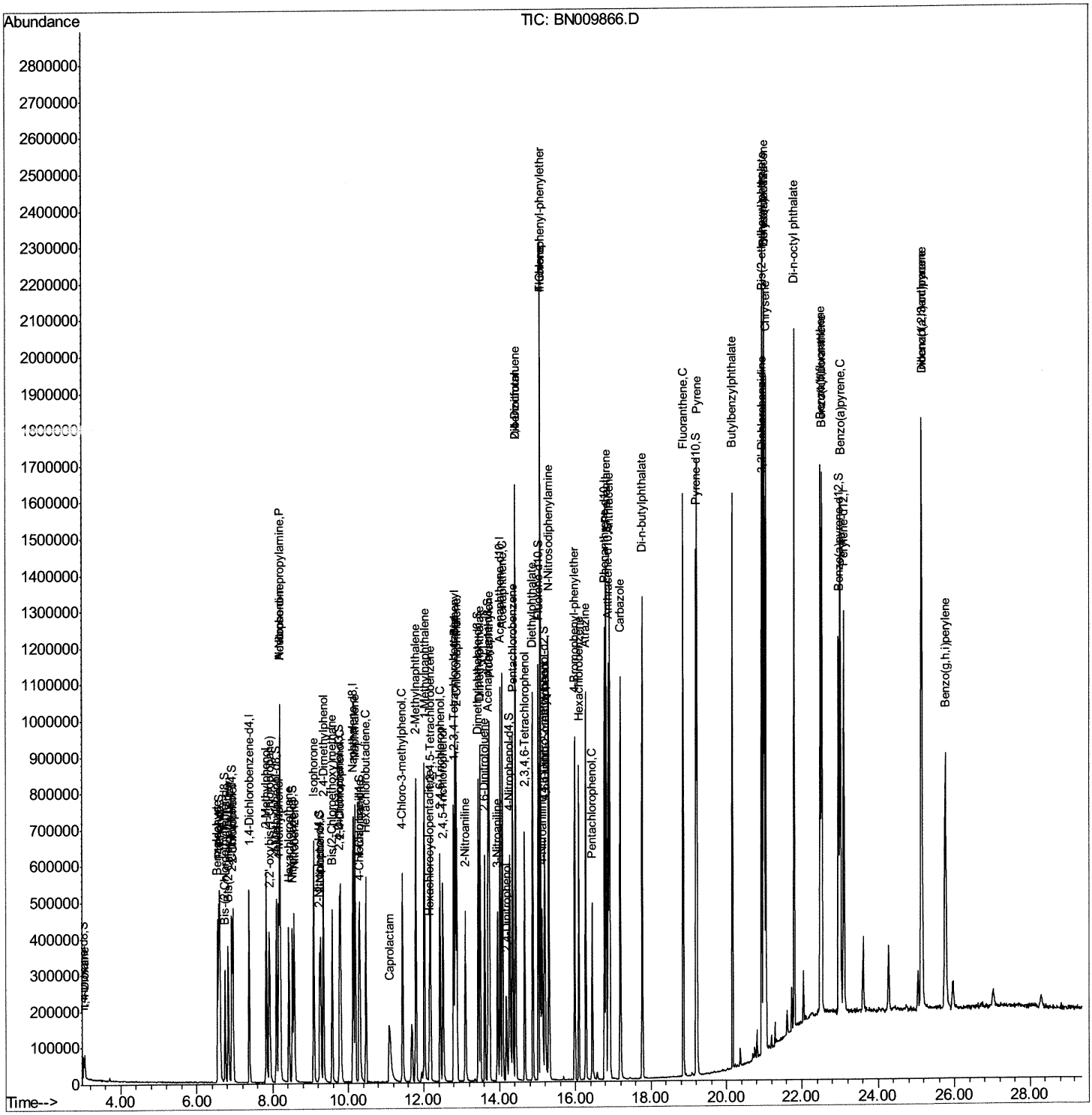

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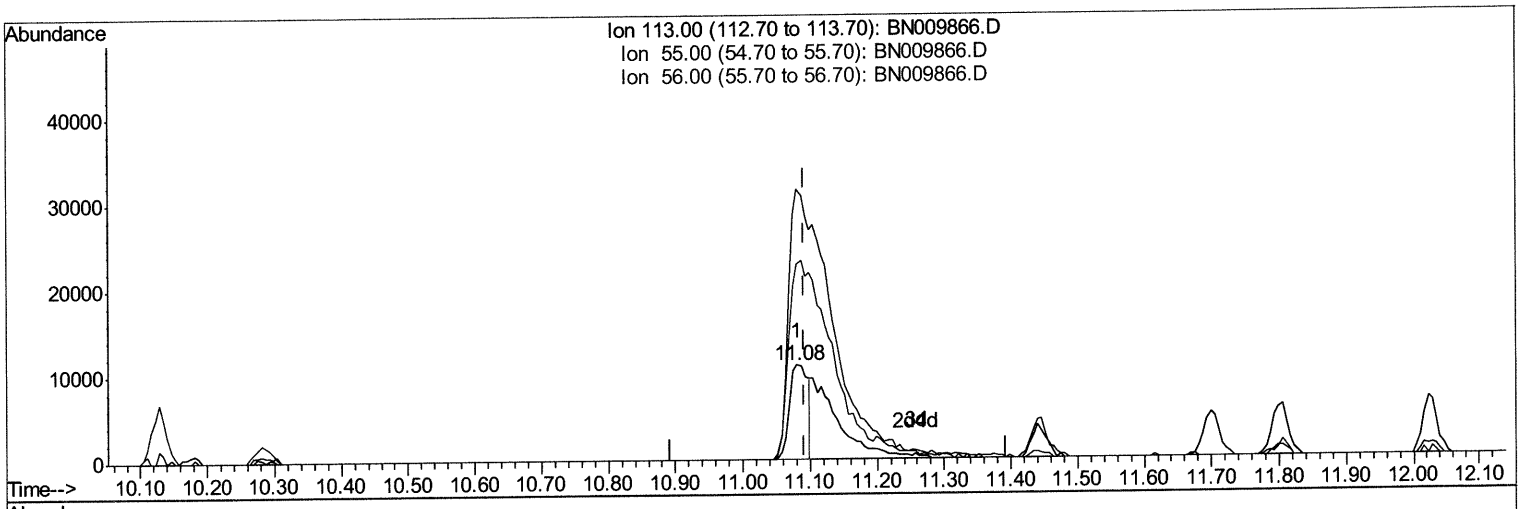

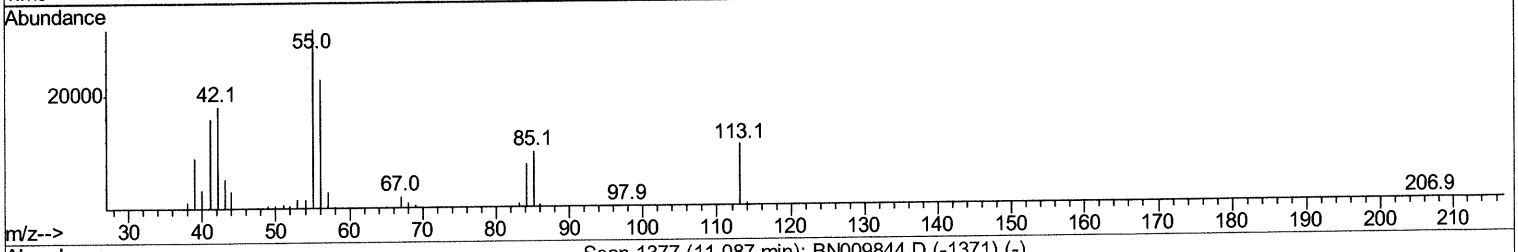

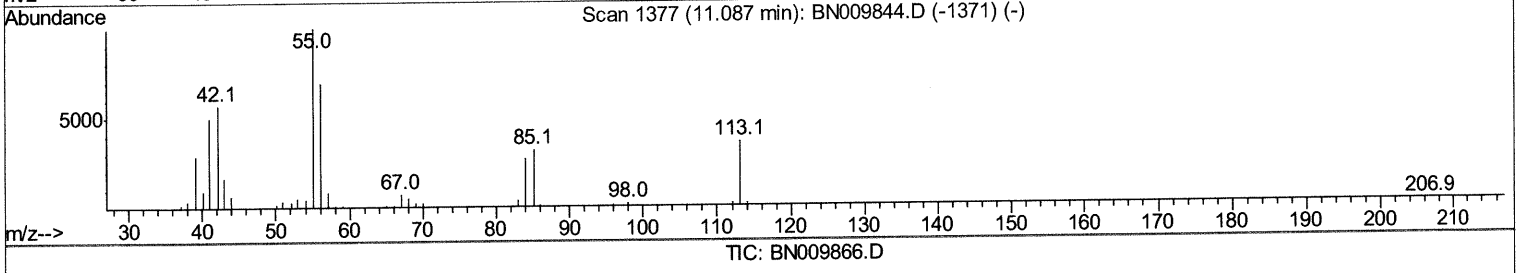

TIC: BN009866.D

(32) Caprolactam

11.081min (-0.012) 8.25ng/ul

response 21392

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	286.64
56.00	202.00	207.80
0.00	0.00	0.00

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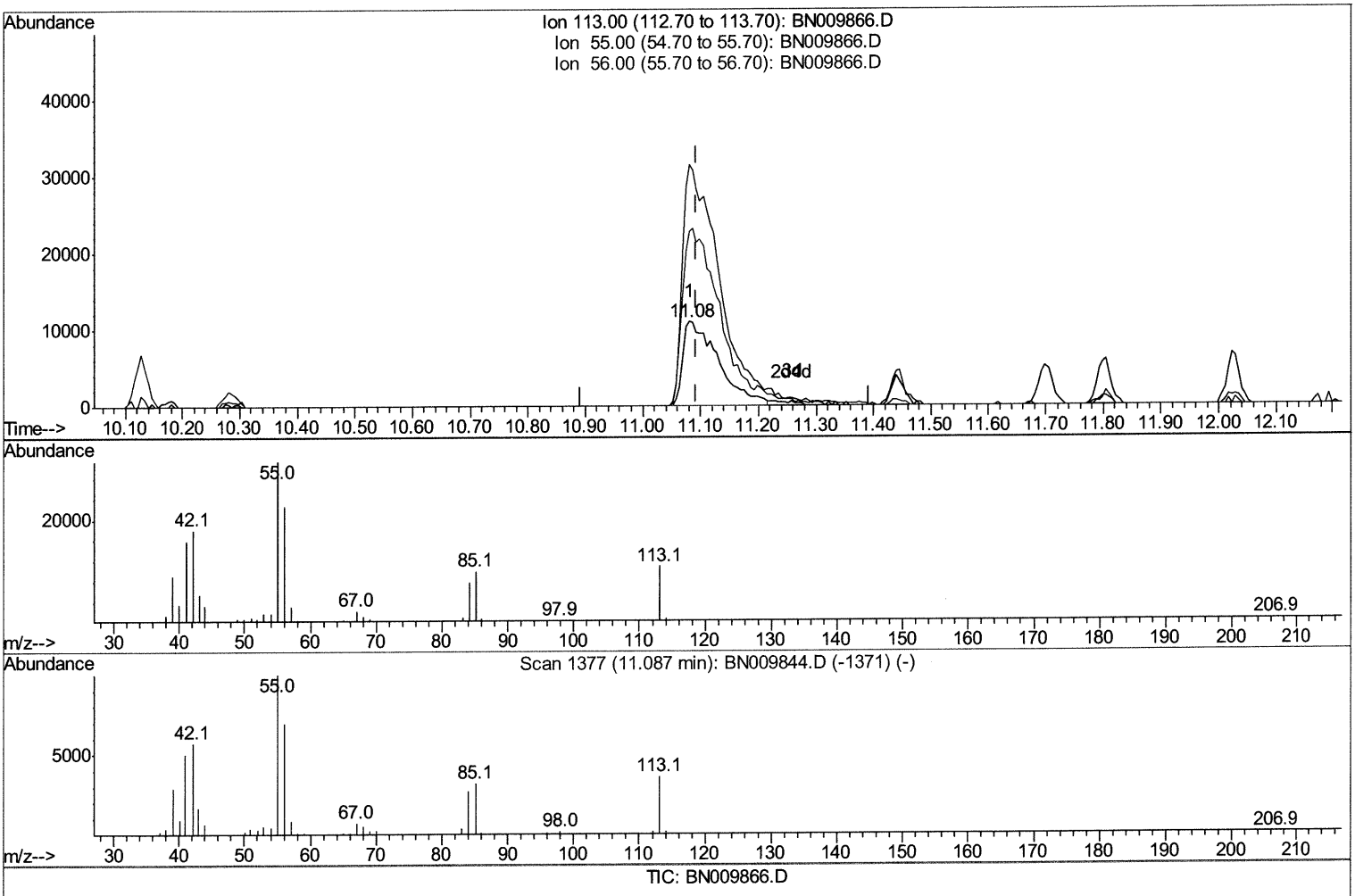

TIC: BN009866.D

(32) Caprolactam

11.081min (-0.012) 18.10ng/ul m JU 02/28/20

response 46908

Ion	Exp%	Act%
113.00	100	100
55.00	261.40	286.64
56.00	202.00	207.80
0.00	0.00	0.00

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Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	120183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	497864	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	317417	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	661888	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	631388	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	671389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	23577	8.07	ng/uL	0.00
5) Phenol-d5	6.58	99	192211	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	139876	19.83	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	151866	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	157138	19.32	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	74647	20.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	80784	20.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	153327	20.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	174715	20.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	461868	19.48	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	559303	20.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	76974	17.78	ng/ul	0.00
58) Fluorene-d10	15.03	176	404561	19.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	75397	18.34	ng/ul	0.00
71) Anthracene-d10	16.88	188	608445	20.05	ng/ul	0.00
79) Pyrene-d10	19.19	212	668169	20.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	662274	19.75	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	26180	7.799	ng/uL	97
4) Benzaldehyde	6.55	77	142970	21.031	ng/ul	96
6) Phenol	6.61	94	211087	19.269	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.83	93	168321	19.550	ng/ul	98
10) 2-Chlorophenol	6.95	128	160072	19.746	ng/ul	96
11) 2-Methylphenol	7.83	108	154273	19.245	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.91	45	447718	21.212	ng/ul	99
14) Acetophenone	8.20	105	257258	19.415	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.19	70	142204	20.539	ng/ul	97
16) 4-Methylphenol	8.16	108	169985	19.325	ng/ul	98
17) Hexachloroethane	8.43	117	75336	20.427	ng/ul	96
20) Nitrobenzene	8.56	77	218622	20.370	ng/ul	99
21) Isophorone	9.09	82	376477	19.931	ng/ul	99
23) 2-Nitrophenol	9.27	139	90565	20.312	ng/ul	96
24) 2,4-Dimethylphenol	9.34	107	196670	20.316	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.58	93	228768	19.817	ng/ul	99
27) 2,4-Dichlorophenol	9.79	162	155436	20.112	ng/ul	97
28) Naphthalene	10.18	128	529396	19.719	ng/ul	99
30) 4-Chloroaniline	10.30	127	181096	20.548	ng/ul	96
31) Hexachlorobutadiene	10.46	225	103478	20.021	ng/ul	90
32) Caprolactam	11.08	113	46908m>	18.099	ng/ul>	JU 02/28/20
33) 4-Chloro-3-methylphenol	11.44	107	177795	20.119	ng/ul	98
34) 2-Methylnaphthalene	11.80	142	368208	19.751	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.02	142	368768	19.735	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	181959	19.340	ng/ul	92
38) Hexachlorocyclopentadiene	12.16	237	68039	16.714	ng/ul	99
39) 2,4,6-Trichlorophenol	12.44	196	117107	19.612	ng/ul	96
40) 2,4,5-Trichlorophenol	12.52	196	123145	19.223	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	478430	19.624	ng/ul	97
42) 2-Chloronaphthalene	12.88	162	378024	19.525	ng/ul	97
43) 2-Nitroaniline	13.11	65	148668	20.997	ng/ul	99
45) Dimethylphthalate	13.50	163	483547	19.546	ng/ul	98
46) 2,6-Dinitrotoluene	13.62	165	96484	19.922	ng/ul	98
48) Acenaphthylene	13.74	152	615330	20.360	ng/ul	100
49) 3-Nitroaniline	13.95	138	85753	19.178	ng/ul	97
50) Acenaphthene	14.09	153	409938	19.786	ng/ul	94
51) 2,4-Dinitrophenol	14.19	184	43713	15.722	ng/ul	96
53) 4-Nitrophenol	14.28	109	74491	19.065	ng/ul	95
54) Dibenzofuran	14.43	168	567971	19.531	ng/ul	96
55) 2,4-Dinitrotoluene	14.43	165	145738	20.304	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.67	232	109365	19.856	ng/ul	99
57) Diethylphthalate	14.88	149	497554	19.586	ng/ul	96
59) Fluorene	15.09	166	478522	19.607	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.09	204	232546	19.320	ng/ul	95
61) 4-Nitroaniline	15.13	138	97841	17.944	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.20	198	81948	18.501	ng/ul	99
65) N-Nitrosodiphenylamine	15.31	169	401118	20.425	ng/ul	98
66) 4-Bromophenyl-phenylether	15.99	248	132505	20.007	ng/ul	97
67) Hexachlorobenzene	16.10	284	142603	19.459	ng/ul	96
68) Atrazine	16.27	200	146168	19.620	ng/ul	95
69) Pentachlorophenol	16.45	266	76598	18.086	ng/ul	95
70) Phenanthrene	16.83	178	758342	20.076	ng/ul	99
72) Anthracene	16.92	178	780638	20.216	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	197844	20.460	ng/uL	93
74) Pentachlorobenzene	14.36	250	182972	19.621	ng/uL	99
75) Carbazole	17.20	167	664617	19.544	ng/ul	99
76) Di-n-butylphthalate	17.78	149	840395	20.022	ng/ul	98
77) Fluoranthene	18.86	202	873877	19.750	ng/ul	99
80) Pyrene	19.22	202	911870	20.032	ng/ul	99
81) Butylbenzylphthalate	20.16	149	378444	20.224	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.93	252	253384	18.406	ng/ul	94
83) Benzo(a)anthracene	20.99	228	860113	19.823	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	588029	20.582	ng/ul	99
85) Chrysene	21.05	228	821467	19.231	ng/ul	97
87) Di-n-octyl phthalate	21.80	149	979892	19.283	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	851986	19.572	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	838725	20.349	ng/ul	99
91) Benzo(a)pyrene	23.02	252	785350	20.059	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.15	276	921943	19.834	ng/ul	98
93) Dibenzo(a,h)anthracene	25.15	278	784455	19.727	ng/ul	97
94) Benzo(g,h,i)perylene	25.76	276	764295	19.609	ng/ul	99

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

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