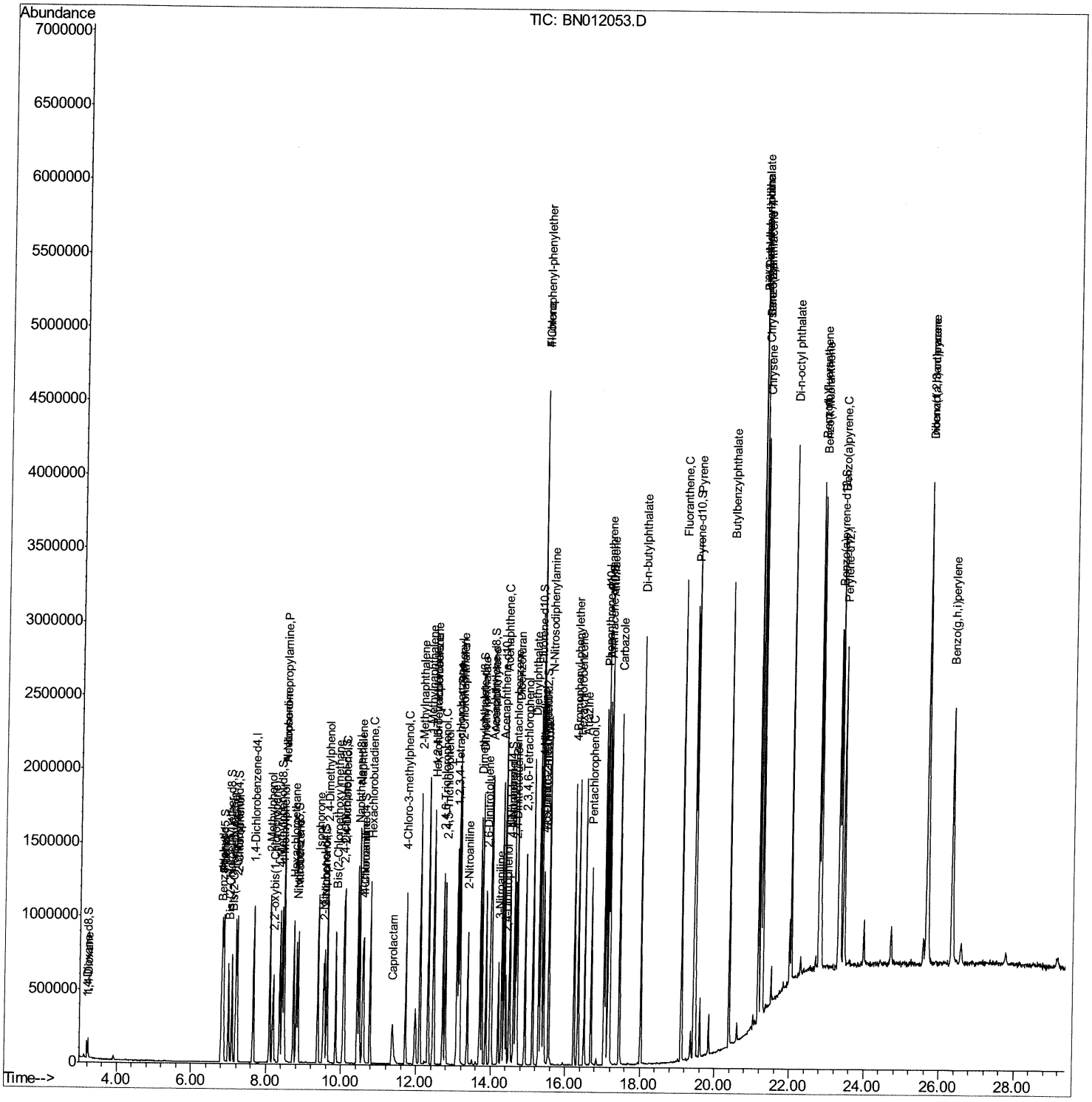
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN100220\
Data File : BN012053.D
Acq On : 03 Oct 2020 01:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 03 03:47:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 03 02:12:24 2020
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
10/5/2020 10:30:00 AM



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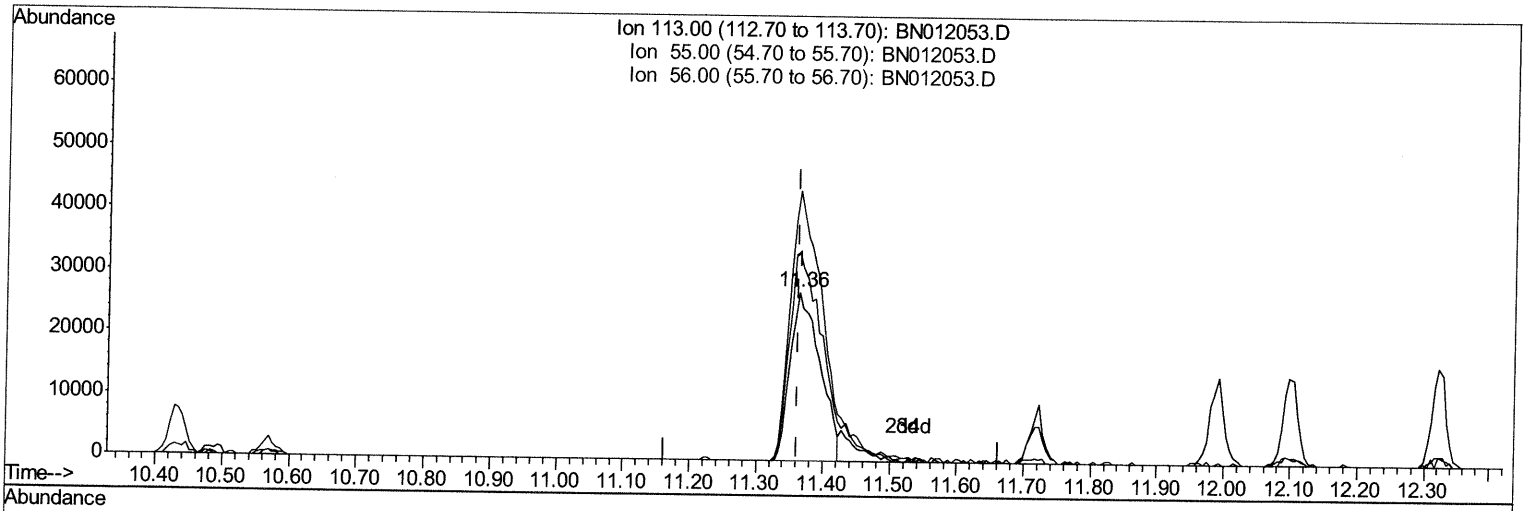

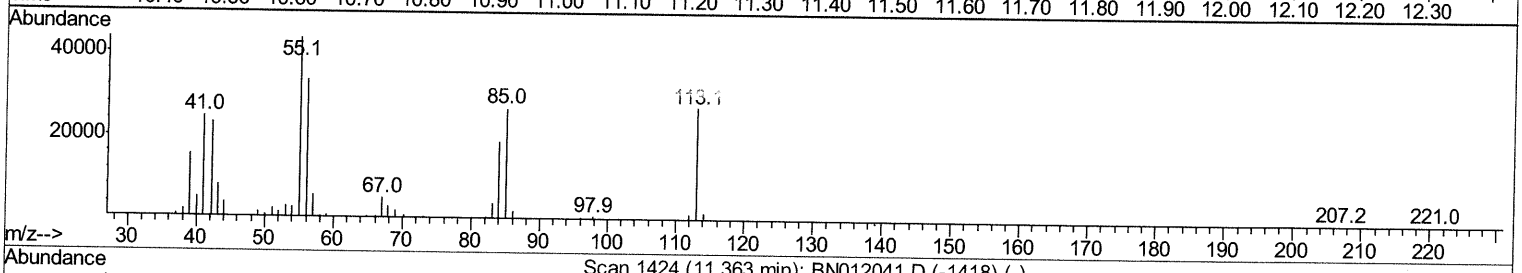

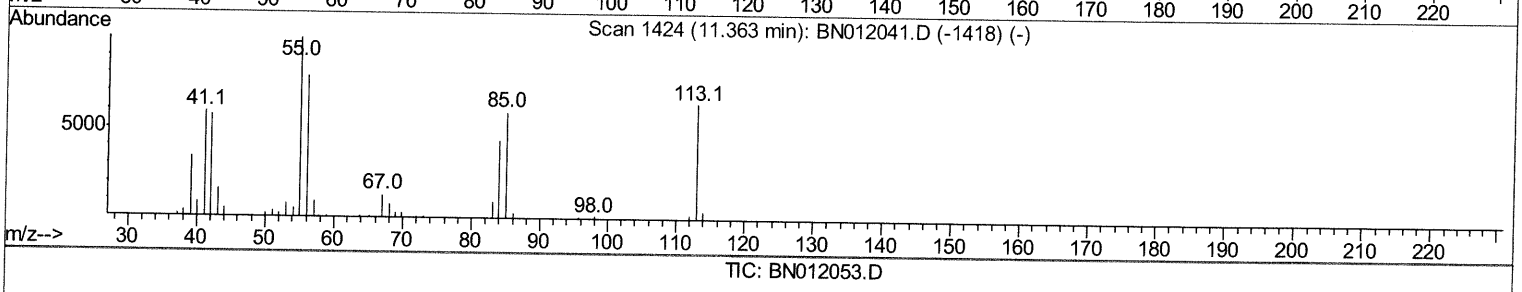

(32) Caprolactam

11.363min (+0.000) 18.16ng/ul

response 83649

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	160.12
56.00	122.90	123.32
0.00	0.00	0.00

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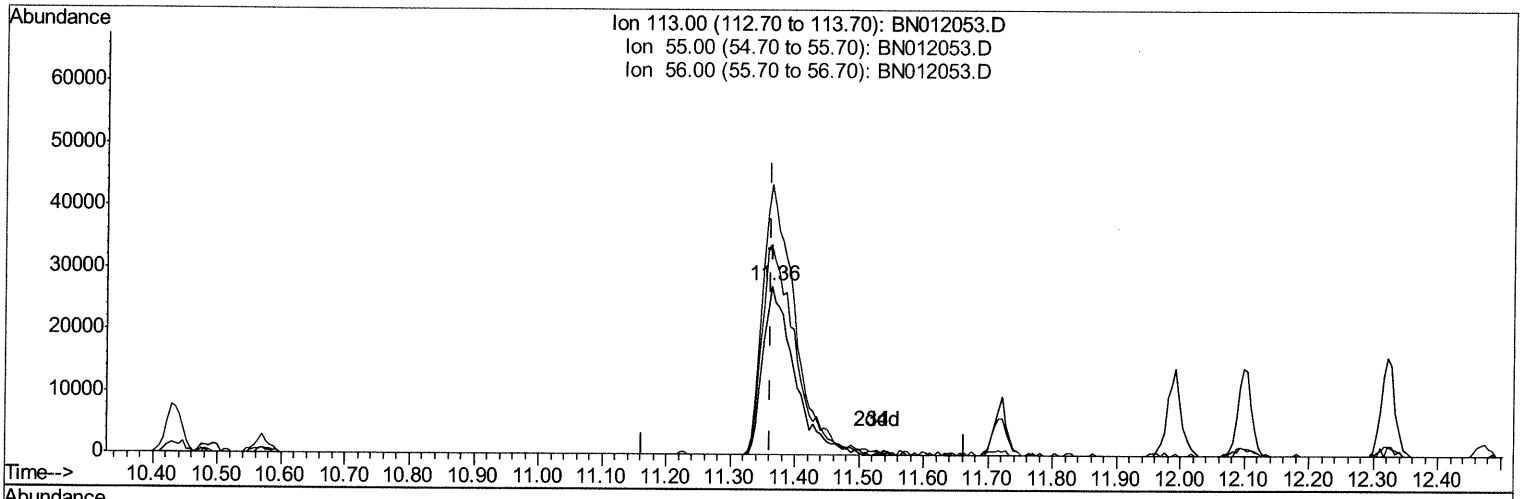

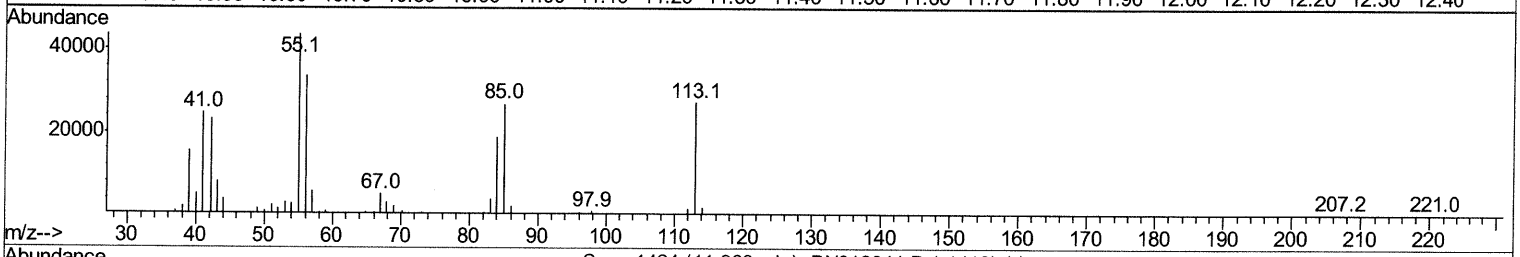

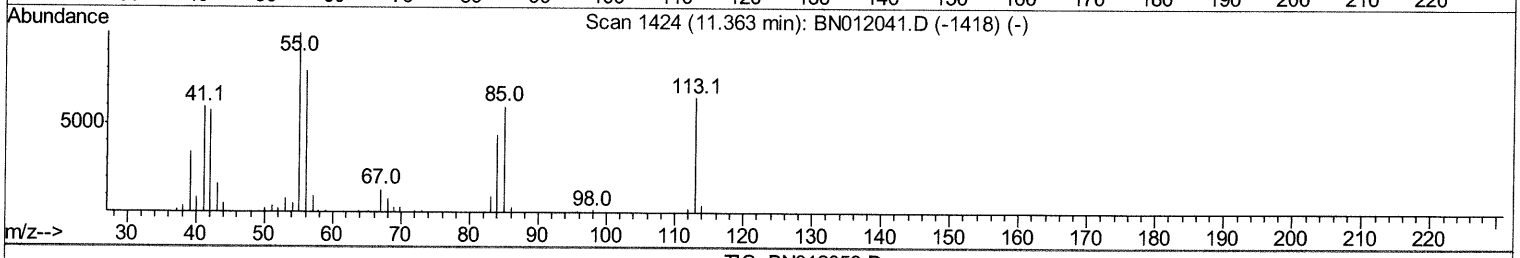

TIC: BN012053.D

(32) Caprolactam

11.363min (+0.000) 20.11ng/ul m 10/09/20 JU

response 92642

Ion	Exp%	Act%
113.00	100	100
55.00	157.00	160.12
56.00	122.90	123.32
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	257989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1001792	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	595777	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1281846	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1295632	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1375555	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	50213	8.47	ng/uL	0.00
5) Phenol-d5	6.83	99	438707	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	273834	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	357419	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	354581	20.92	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	165538	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	181401	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	351159	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	344859	17.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	995189	21.29	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1198010	21.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	172473	20.04	ng/ul	0.00
58) Fluorene-d10	15.29	176	878434	21.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	156911	19.18	ng/ul	0.00
71) Anthracene-d10	17.15	188	1333053	21.45	ng/ul	0.00
79) Pyrene-d10	19.45	212	1446395	21.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1614967	20.92	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	62701	8.423	ng/uL	90
4) Benzaldehyde	6.81	77	206892	16.692	ng/ul	99
6) Phenol	6.86	94	471779	21.064	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	374674	20.590	ng/ul	98
10) 2-Chlorophenol	7.22	128	383250	21.282	ng/ul	99
11) 2-Methylphenol	8.10	108	342548	20.591	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.19	45	481515	20.519	ng/ul	98
14) Acetophenone	8.48	105	561226	20.776	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.46	70	285241	21.042	ng/ul	95
16) 4-Methylphenol	8.42	108	377873	21.182	ng/ul	98
17) Hexachloroethane	8.73	117	168249	20.534	ng/ul	97
20) Nitrobenzene	8.85	77	462563	21.038	ng/ul	99
21) Isophorone	9.37	82	757504	20.554	ng/ul	97
23) 2-Nitrophenol	9.55	139	204299	21.470	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	427702	20.714	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	478236	20.679	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	345941	20.706	ng/ul	95
28) Naphthalene	10.48	128	1216314	21.214	ng/ul	99
30) 4-Chloroaniline	10.59	127	340999	17.408	ng/ul	98
31) Hexachlorobutadiene	10.77	225	229016	20.246	ng/ul	96
32) Caprolactam	11.36	113	92642m	> 20.109	ng/ul	> 96
33) 4-Chloro-3-methylphenol	11.72	107	379224	20.887	ng/ul	96
34) 2-Methylnaphthalene	12.10	142	807271	20.487	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	807048	20.726	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	403532	20.908	ng/ul	90
38) Hexachlorocyclopentadiene	12.46	237	274540	20.118	ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	263159	21.748	ng/ul	92
40) 2,4,5-Trichlorophenol	12.79	196	281207	21.543	ng/ul	96
41) 1,1'-Biphenyl	13.13	154	1079141	21.867	ng/ul	98
42) 2-Chloronaphthalene	13.16	162	841294	21.406	ng/ul	99
43) 2-Nitroaniline	13.37	65	234098	20.784	ng/ul	99
45) Dimethylphthalate	13.76	163	1040989	21.617	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	206297	21.947	ng/ul	93
48) Acenaphthylene	14.02	152	1272801	21.715	ng/ul	99
49) 3-Nitroaniline	14.20	138	154679	18.035	ng/ul#	97
50) Acenaphthene	14.36	153	919114	21.818	ng/ul	98
51) 2,4-Dinitrophenol	14.41	184	108671	18.963	ng/ul	93
53) 4-Nitrophenol	14.51	109	168684	21.037	ng/ul	96
54) Dibenzofuran	14.70	168	1228261	21.371	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	299427	21.944	ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	14.92	232	232216	21.313	ng/ul	94
57) Diethylphthalate	15.13	149	1071918	21.628	ng/ul	97
59) Fluorene	15.35	166	1041146	21.609	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	494087	21.010	ng/ul	99
61) 4-Nitroaniline	15.37	138	177284	19.129	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.42	198	172938	19.435	ng/ul	95
65) N-Nitrosodiphenylamine	15.56	169	846354	20.702	ng/ul	96
66) 4-Bromophenyl-phenylether	16.24	248	297102	20.266	ng/ul	92
67) Hexachlorobenzene	16.35	284	373104	21.811	ng/ul	93
68) Atrazine	16.52	200	306135	20.466	ng/ul	96
69) Pentachlorophenol	16.69	266	195812	19.307	ng/ul	99
70) Phenanthrene	17.09	178	1616426	20.699	ng/ul	99
72) Anthracene	17.17	178	1655996	21.001	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	391080	20.987	ng/uL	96
74) Pentachlorobenzene	14.62	250	413026	21.609	ng/uL	95
75) Carbazole	17.45	167	1424830	20.810	ng/ul	99
76) Di-n-butylphthalate	18.02	149	1850031	21.278	ng/ul	100
77) Fluoranthene	19.11	202	1874149	21.367	ng/ul	99
80) Pyrene	19.47	202	1969099	21.070	ng/ul	99
81) Butylbenzylphthalate	20.39	149	807967	21.029	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	531845	17.644	ng/ul	94
83) Benzo(a)anthracene	21.23	228	1867723	21.398	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	1215460	20.613	ng/ul	99
85) Chrysene	21.28	228	1859709	21.673	ng/ul	98
87) Di-n-octyl phthalate	22.04	149	2119046	20.741	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	2019432	20.956	ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	1991560	20.981	ng/ul	96
91) Benzo(a)pyrene	23.35	252	1835299	20.996	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.66	276	2277506	20.404	ng/ul	95
93) Dibenzo(a,h)anthracene	25.67	278	1942872	21.129	ng/ul	98
94) Benzo(g,h,i)perylene	26.33	276	1997178	21.010	ng/ul	97

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