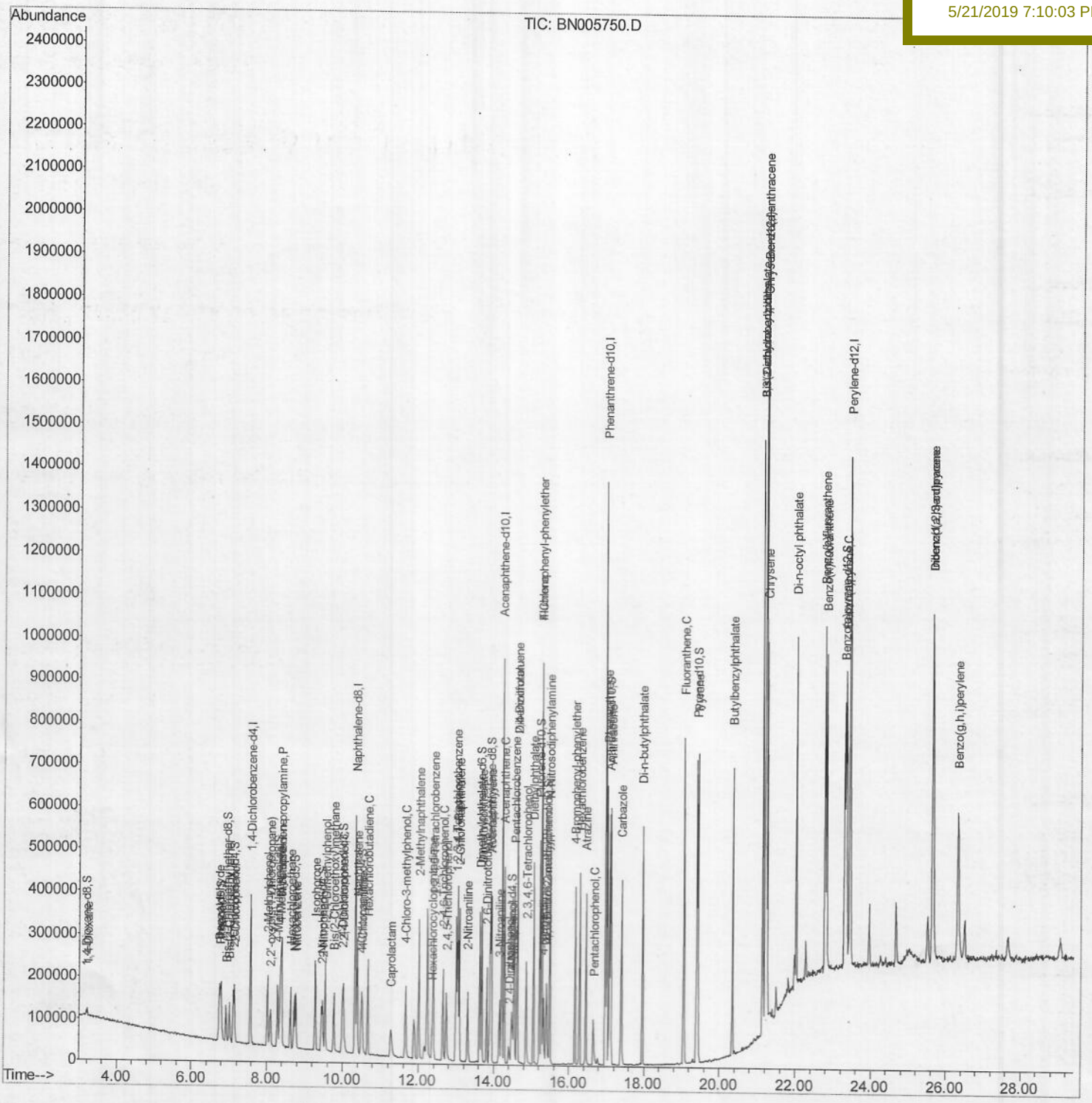
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
Data File : BN005750.D
Acq On : 18 May 2019 12:59
Operator : JU/SJ
Sample : SSTD01079
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 13:35:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 12:10:22 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD01079

Manual Integrations APPROVED
Sohil
5/21/2019 7:10:03 PM



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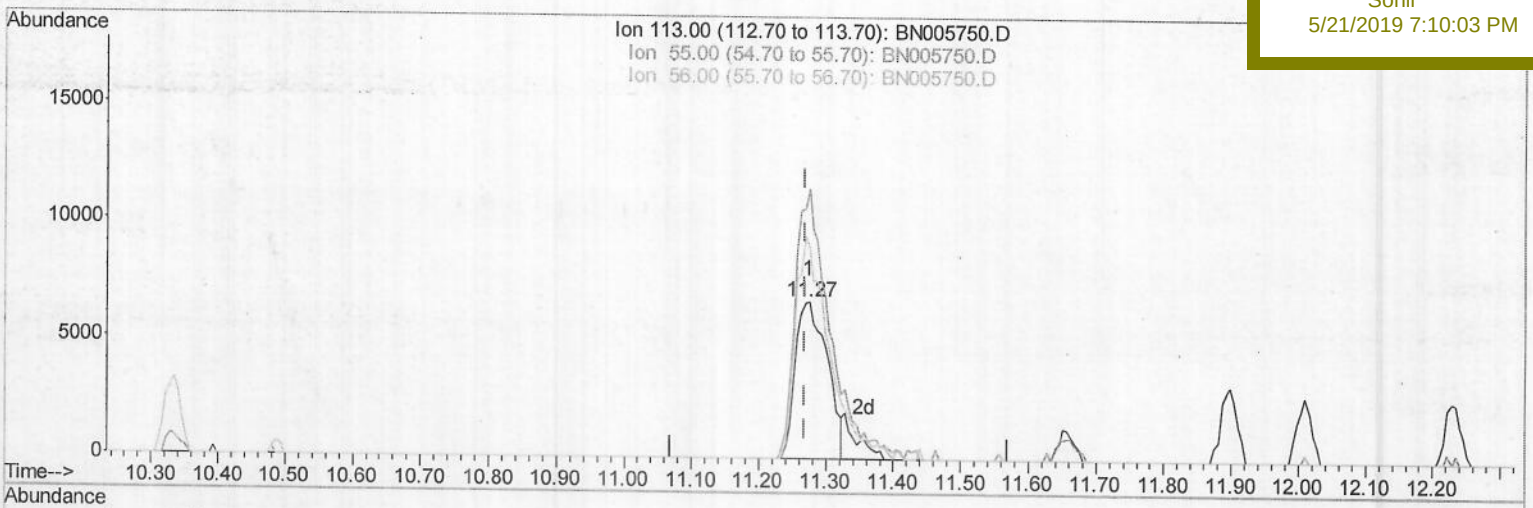

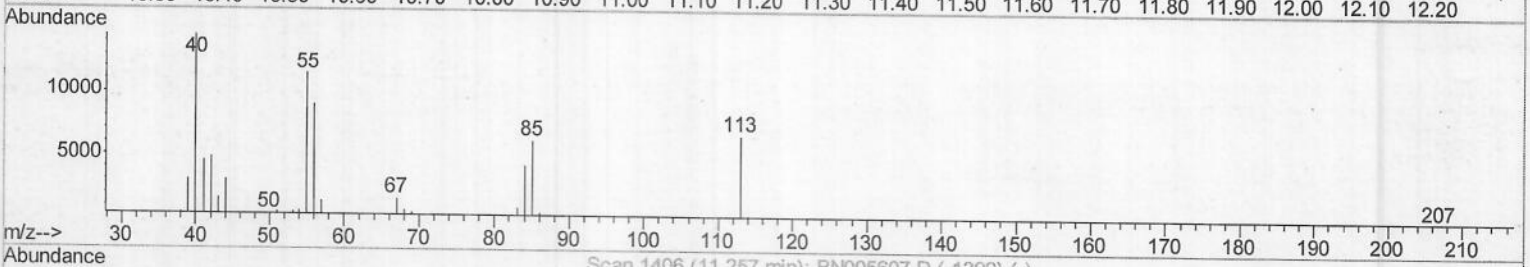

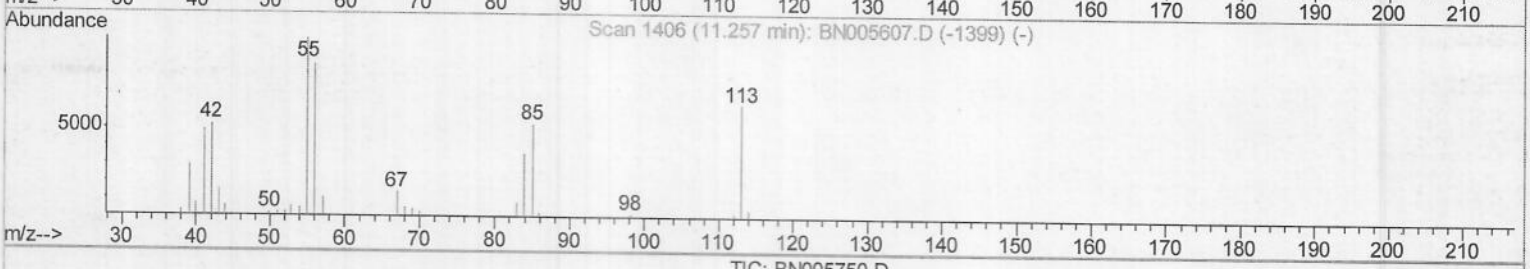

TIC: BN005750.D

(32) Caprolactam

11.275min (+0.006) 11.19ng/ul

response 22047

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	171.83
56.00	148.90	134.35
0.00	0.00	0.00

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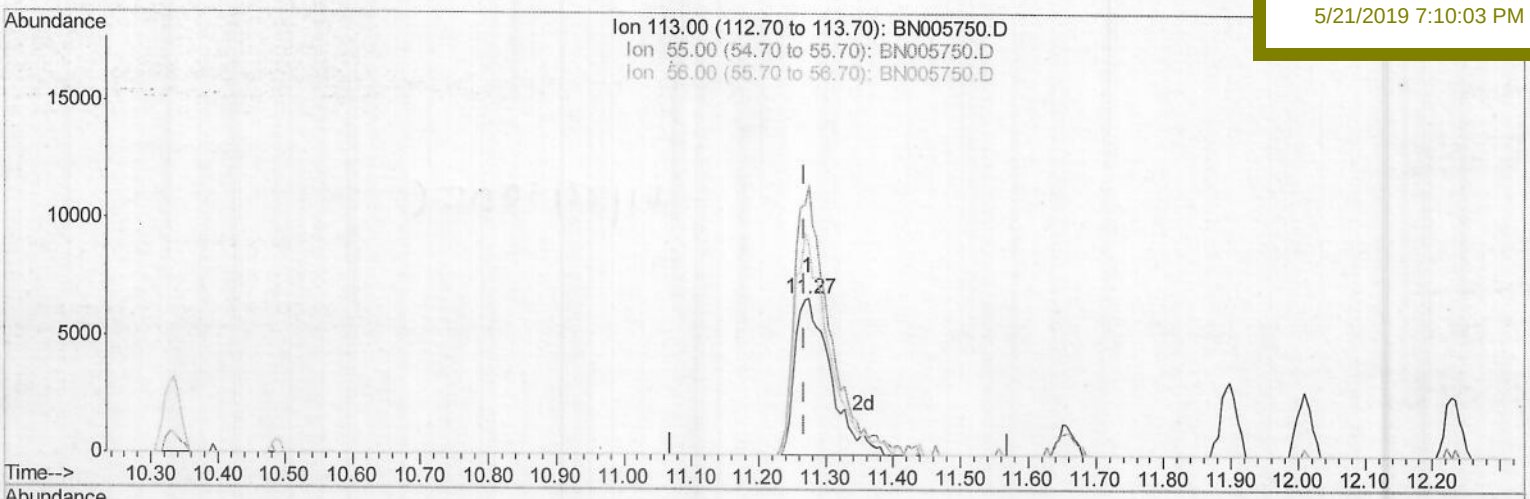
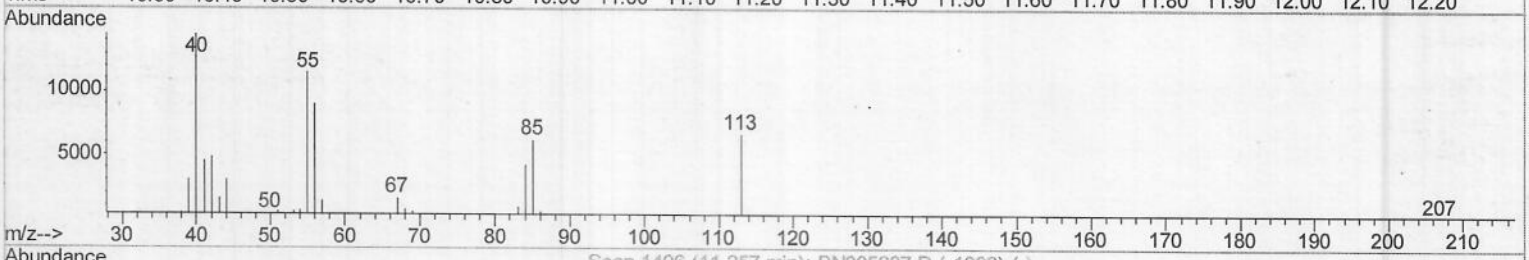
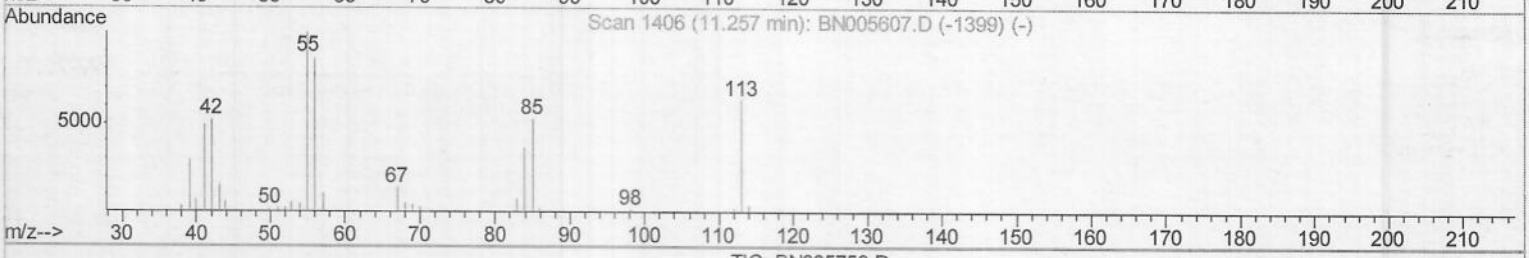
Manual Integrations APPROVED
Sohil
5/21/2019 7:10:03 PM







TIC: BN005750.D

(32) Caprolactam

11.275min (+0.006) 12.66ng/ul m >Julos 12/19

response 24929

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	171.83
56.00	148.90	134.35
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
5/21/2019 7:10:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	102732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	461200	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	327982	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	815885	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	862926	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	973940	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	7400	3.48	ng/uL	0.00
5) Phenol-d5	6.76	99	71684	8.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	39769	7.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	60670	9.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	62134	9.85	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	32121	11.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	36983	12.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	67649	10.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	70950	10.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	245532	10.31	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	297960	10.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	25498	6.78	ng/ul	0.00
57) Fluorene-d10	15.22	176	210135	10.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	37736	10.28	ng/ul	0.00
70) Anthracene-d10	17.07	188	346069	10.12	ng/ul	0.00
78) Pyrene-d10	19.39	212	410714	9.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	430297	10.11	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	7877	3.442	ng/uL	97
4) Benzaldehyde	6.73	77	52622	9.203	ng/ul	96
6) Phenol	6.79	94	74005	8.917	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.01	93	55730	8.386	ng/ul	92
10) 2-Chlorophenol	7.14	128	60656	9.502	ng/ul	95
11) 2-Methylphenol	8.02	108	59051	9.495	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.09	45	76208	6.830	ng/ul#	91
14) Acetophenone	8.39	105	103392	10.243	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.37	70	50797	9.408	ng/ul	93
16) 4-Methylphenol	8.35	108	64099	9.544	ng/ul	93
17) Hexachloroethane	8.62	117	26553	9.579	ng/ul	93
20) Nitrobenzene	8.76	77	75211	9.628	ng/ul	97
21) Isophorone	9.27	82	153521	9.925	ng/ul	96
23) 2-Nitrophenol	9.47	139	38021	11.659	ng/ul	98
24) 2,4-Dimethylphenol	9.53	107	78697	9.638	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	85825	8.829	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	66035	10.143	ng/ul	96
28) Naphthalene	10.38	128	214895	10.023	ng/ul	99
30) 4-Chloroaniline	10.52	127	72117	10.408	ng/ul	100
31) Hexachlorobutadiene	10.66	225	51494	11.201	ng/ul	98
32) Caprolactam	11.27	113	24929m	12.656	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	76286	10.407	ng/ul	92
34) 2-Methylnaphthalene	12.01	142	166534	10.608	ng/ul	97

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Sohil
5/21/2019 7:10:03 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	102028	10.052 ng/ul	96
37) Hexachlorocyclopentadiene	12.36	237	21551	3.114 ng/ul	95
38) 2,4,6-Trichlorophenol	12.65	196	61329	10.020 ng/ul	96
39) 2,4,5-Trichlorophenol	12.73	196	61223	9.309 ng/ul	96
40) 1,1'-Biphenyl	13.04	154	230110	9.416 ng/ul	98
41) 2-Chloronaphthalene	13.08	162	181787	9.672 ng/ul	97
42) 2-Nitroaniline	13.30	65	52150	10.461 ng/ul	96
44) Dimethylphthalate	13.67	163	242685	10.230 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	49460	12.074 ng/ul	94
47) Acenaphthylene	13.93	152	284543	9.901 ng/ul	98
48) 3-Nitroaniline	14.15	138	40850	10.727 ng/ul	96
49) Acenaphthene	14.28	153	194579	9.918 ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	12418	6.223 ng/ul	94
52) 4-Nitrophenol	14.48	109	24977	7.320 ng/ul	94
53) Dibenzofuran	14.62	168	292253	10.346 ng/ul	96
54) 2,4-Dinitrotoluene	14.62	165	75346	12.759 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.86	232	59180	10.816 ng/ul	91
56) Diethylphthalate	15.05	149	243618	10.241 ng/ul	97
58) Fluorene	15.27	166	235591	10.689 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	130186	11.134 ng/ul	93
60) 4-Nitroaniline	15.32	138	47580	10.022 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.40	198	38436	9.841 ng/ul#	97
64) N-Nitrosodiphenylamine	15.49	169	207658	9.299 ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	82345	10.018 ng/ul	96
66) Hexachlorobenzene	16.29	284	93589	10.693 ng/ul	95
67) Atrazine	16.45	200	86676	10.426 ng/ul	99
68) Pentachlorophenol	16.66	266	32670	6.375 ng/ul	93
69) Phenanthrene	17.02	178	398385	10.026 ng/ul	99
71) Anthracene	17.11	178	409624	10.120 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	107365	9.009 ng/uL	97
73) Pentachlorobenzene	14.55	250	105082	9.797 ng/uL	99
74) Carbazole	17.39	167	359563	10.341 ng/ul	98
75) Di-n-butylphthalate	17.96	149	424985	9.741 ng/ul	98
76) Fluoranthene	19.06	202	502383	11.399 ng/ul#	92
79) Pyrene	19.43	202	514069	9.252 ng/ul#	90
80) Butylbenzylphthalate	20.34	149	208002	9.456 ng/ul	91
81) 3,3'-Dichlorobenzidine	21.14	252	175466	10.177 ng/ul#	98
82) Benzo(a)anthracene	21.20	228	531351	9.898 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	297607	8.786 ng/ul#	97
84) Chrysene	21.26	228	504948	10.135 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	518720	8.696 ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	511919	9.350 ng/ul#	95
88) Benzo(k)fluoranthene	22.82	252	521268	9.969 ng/ul#	98
90) Benzo(a)pyrene	23.34	252	510752	9.925 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.64	276	623844	10.965 ng/ul#	93
92) Dibenzo(a,h)anthracene	25.64	278	518897	10.747 ng/ul#	94
93) Benzo(g,h,i)perylene	26.32	276	517896	11.009 ng/ul#	91

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