

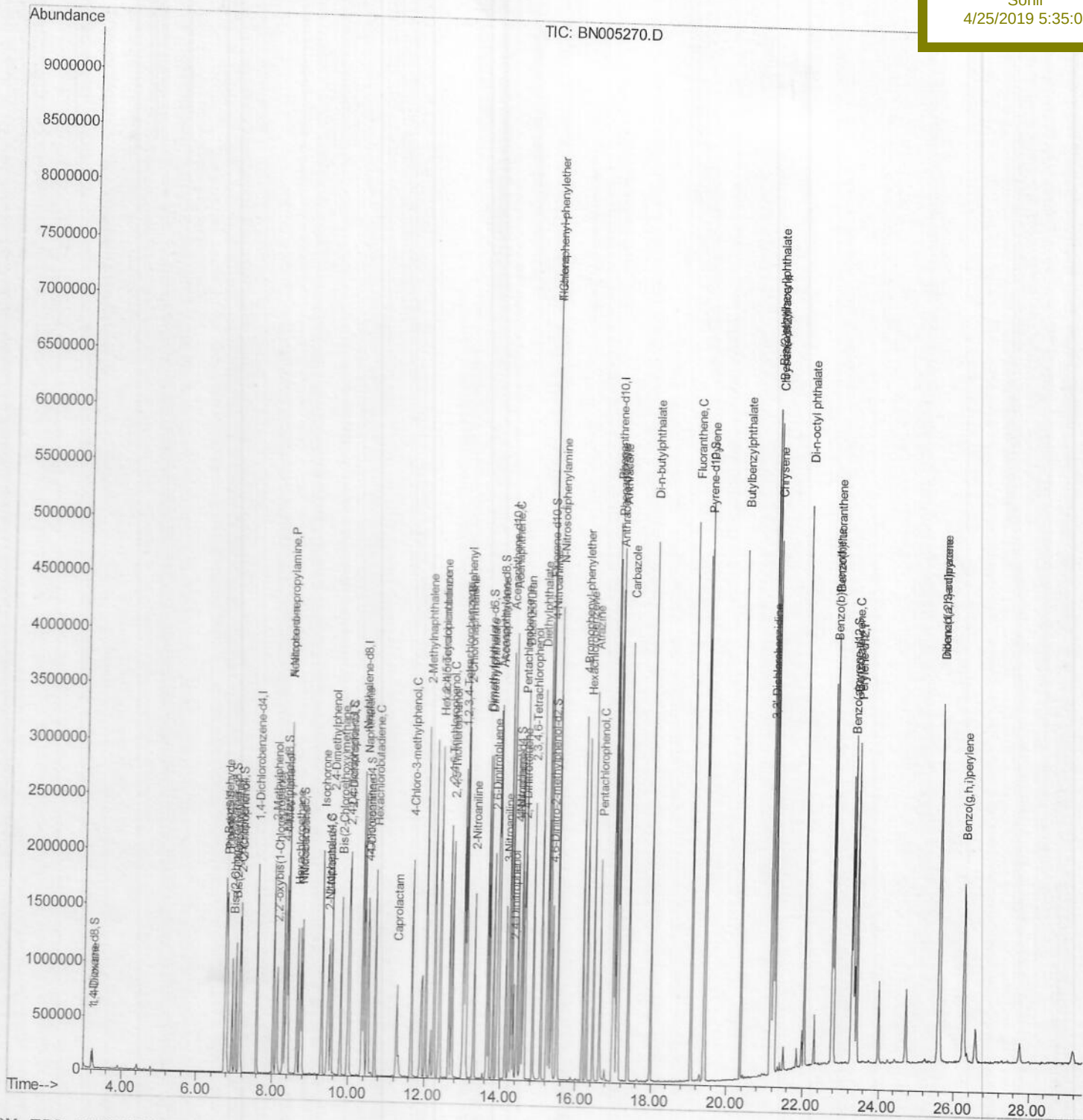
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005270.D
Acq On : 25 Apr 2019 02:49
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 04:27:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 23 03:50:45 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02074

Manual Integrations APPROVED

Sohil
4/25/2019 5:35:04 PM



Quantitation Report (Qedit)

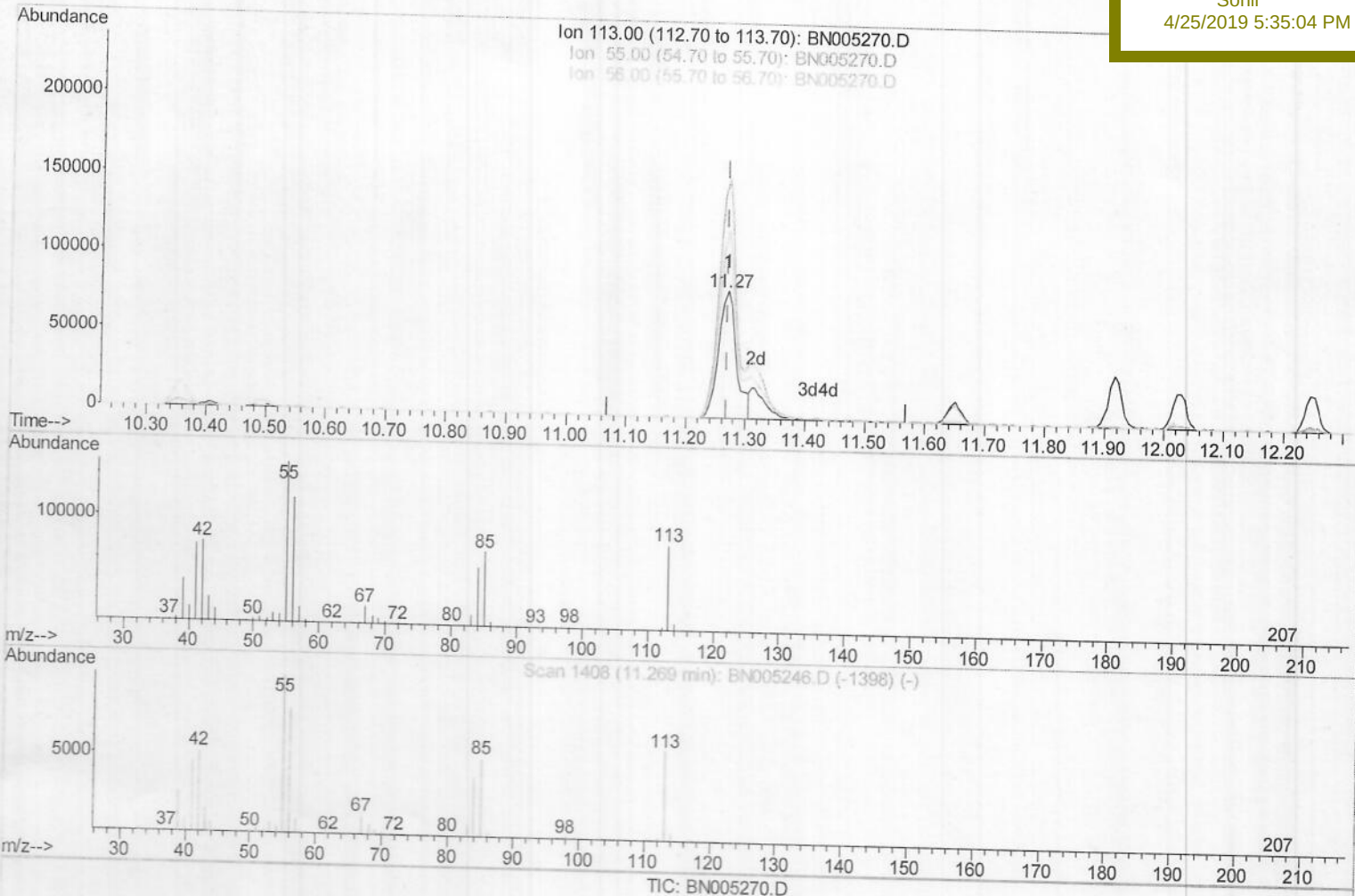
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(32) Caprolactam

11.269min (+0.000) 18.31ng/ul

response 166973

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	188.42
56.00	148.90	147.42
0.00	0.00	0.00

Quantitation Report (Qedit)

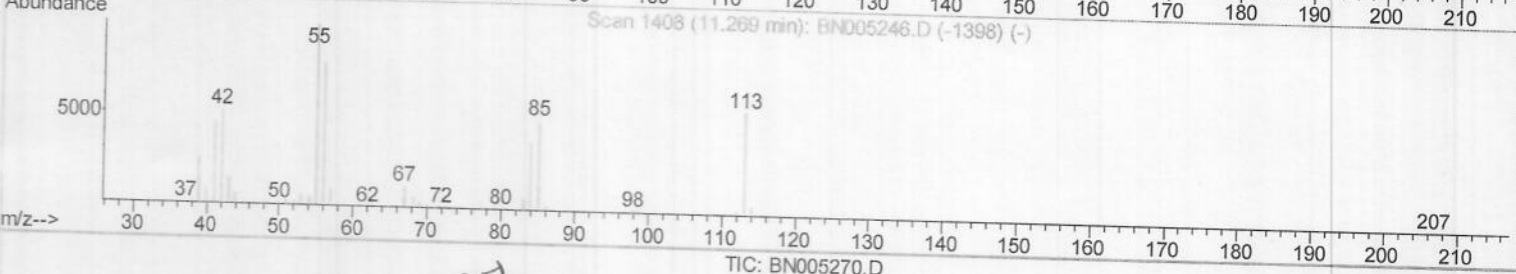
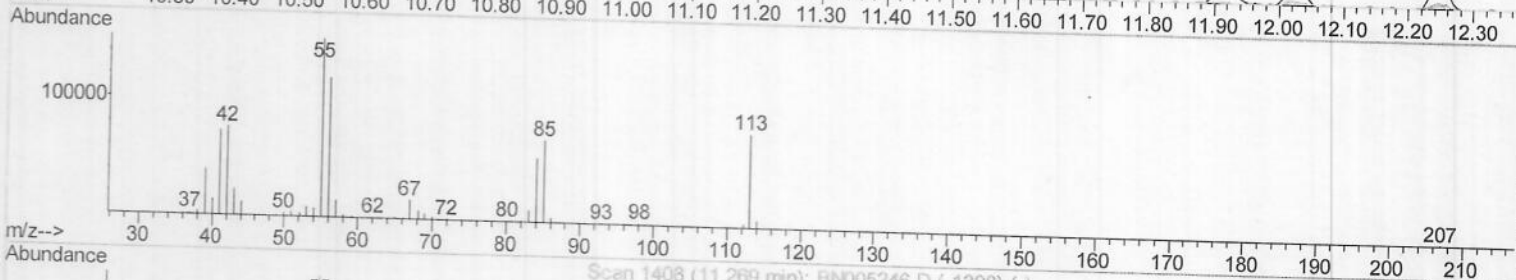
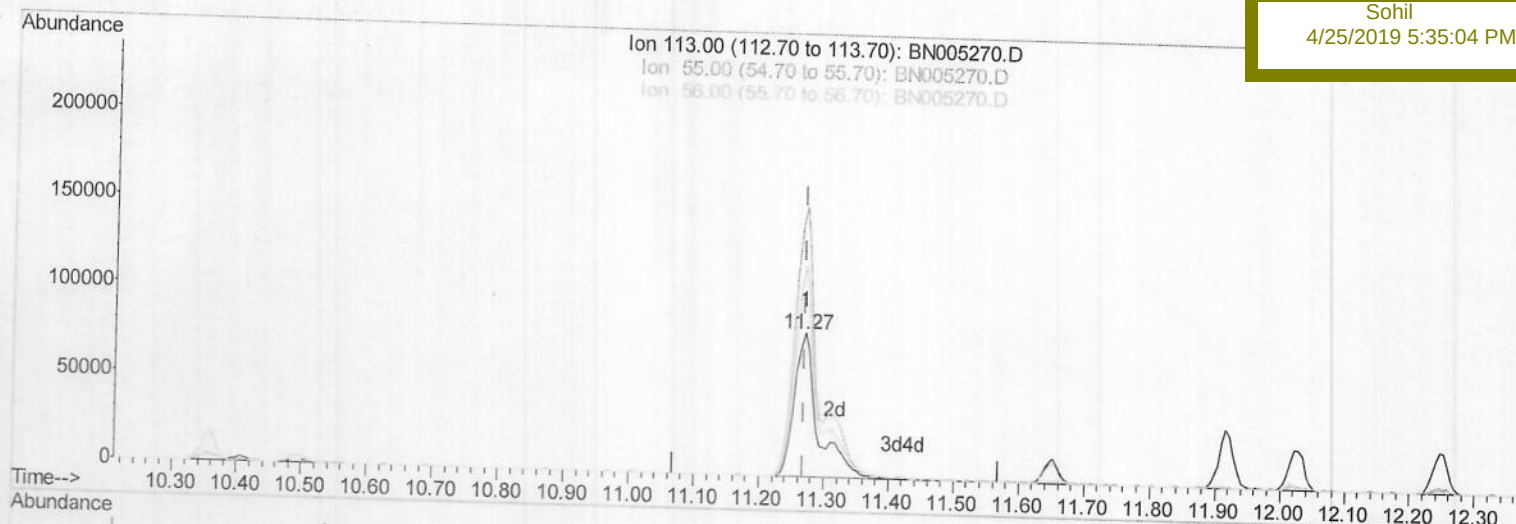
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(32) Caprolactam

11.269min (+0.000) 22.12ng/ul m

response 201723

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	188.42
56.00	148.90	147.42
0.00	0.00	0.00

SJ
04/25/19

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	479287	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2135014	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1302334	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2886492	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2001636	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1963036	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	70337	7.09	ng/uL	0.00
5) Phenol-d5	6.78	99	763771	20.29	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	441445	18.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	591343	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	615302	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	296429	22.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	326020	24.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	646353	21.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	663736	21.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1871629	19.80	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2352732	20.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	306183	20.51	ng/ul	0.00
57) Fluorene-d10	15.23	176	1607008	20.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	234778	18.08	ng/ul	0.00
70) Anthracene-d10	17.08	188	2441061	20.17	ng/ul	0.00
78) Pyrene-d10	19.39	212	2386661	23.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1747690	20.37	ng/ul	-0.01

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.25	88	76844	7.197	ng/uL	97
4) Benzaldehyde	6.75	77	524667	19.668	ng/ul	99
6) Phenol	6.80	94	791839	20.451	ng/ul	98
8) Bis(2-Chloroethyl) ether	7.03	93	598208	19.295	ng/ul	96
10) 2-Chlorophenol	7.16	128	609260	20.457	ng/ul	98
11) 2-Methylphenol	8.03	108	595340	20.519	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	944126	18.137	ng/ul	98
14) Acetophenone	8.40	105	976915	20.744	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	490847	19.485	ng/ul	94
16) 4-Methylphenol	8.36	108	651292	20.785	ng/ul	96
17) Hexachloroethane	8.66	117	239925	18.551	ng/ul	97
20) Nitrobenzene	8.78	77	730124	20.189	ng/ul	96
21) Isophorone	9.30	82	1392849	19.452	ng/ul	99
23) 2-Nitrophenol	9.48	139	354699	23.496	ng/ul	99
24) 2,4-Dimethylphenol	9.55	107	735140	19.449	ng/ul	100
25) Bis(2-Chloroethoxy) methane	9.79	93	846981	18.823	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	634693	21.060	ng/ul	98
28) Naphthalene	10.40	128	1978130	19.930	ng/ul	99
30) 4-Chloroaniline	10.52	127	675731	21.066	ng/ul	98
31) Hexachlorobutadiene	10.70	225	415290	19.514	ng/ul	98
32) Caprolactam	11.27	113	201723m	22.123	ng/ul	96
33) 4-Chloro-3-methylphenol	11.65	107	699962	20.627	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	1461701	20.113	ng/ul	98

SOM-EPA-BN041919MA.M Thu Apr 25 06:46:10 2019

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	810379	20.107	ng/ul	99
37) Hexachlorocyclopentadiene	12.39	237	392082	14.268	ng/ul	96
38) 2,4,6-Trichlorophenol	12.65	196	520589	21.421	ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	558048	21.369	ng/ul	98
40) 1,1'-Biphenyl	13.06	154	1904954	19.631	ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1500519	20.106	ng/ul	97
42) 2-Nitroaniline	13.30	65	457039	23.089	ng/ul	93
44) Dimethylphthalate	13.70	163	1851652	19.657	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	386954	23.790	ng/ul	93
47) Acenaphthylene	13.95	152	2291132	20.078	ng/ul	98
48) 3-Nitroaniline	14.13	138	351102	23.219	ng/ul	96
49) Acenaphthene	14.29	153	1537636	19.738	ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	171120	21.598	ng/ul	91
52) 4-Nitrophenol	14.45	109	259579	19.158	ng/ul	97
53) Dibenzofuran	14.63	168	2257839	20.130	ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	552689	23.571	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.86	232	467055	21.498	ng/ul	99
56) Diethylphthalate	15.07	149	1896098	20.074	ng/ul	99
58) Fluorene	15.29	166	1764049	20.156	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.29	204	938848	20.222	ng/ul	98
60) 4-Nitroaniline	15.30	138	410006	21.750	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.37	198	243669	17.635	ng/ul	94
64) N-Nitrosodiphenylamine	15.50	169	1574535	19.930	ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	587665	20.209	ng/ul	98
66) Hexachlorobenzene	16.29	284	629269	20.322	ng/ul	97
67) Atrazine	16.46	200	599147	20.371	ng/ul	98
68) Pentachlorophenol	16.63	266	337716	18.627	ng/ul	97
69) Phenanthrene	17.02	178	2793135	19.869	ng/ul	100
71) Anthracene	17.12	178	2840310	19.834	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	851181	20.189	ng/uL	99
73) Pentachlorobenzene	14.55	250	762713	20.100	ng/uL	99
74) Carbazole	17.39	167	2440955	19.842	ng/ul	99
75) Di-n-butylphthalate	17.97	149	3219779	20.860	ng/ul	100
76) Fluoranthene	19.06	202	2999910	19.239	ng/ul	99
79) Pyrene	19.42	202	2993562	23.228	ng/ul	99
80) Butylbenzylphthalate	20.36	149	1332761	26.119	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	734617	18.369	ng/ul	98
82) Benzo(a)anthracene	21.19	228	2486810	19.971	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	2051502	26.110	ng/ul	97
84) Chrysene	21.25	228	2330744	20.168	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	3101004	25.792	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2167641	19.644	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	2187583	20.757	ng/ul	100
90) Benzo(a)pyrene	23.32	252	2085794	20.110	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.59	276	2329999	20.318	ng/ul	98
92) Dibenzo(a,h)anthracene	25.60	278	1974364	20.287	ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	1917217	20.219	ng/ul	98

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