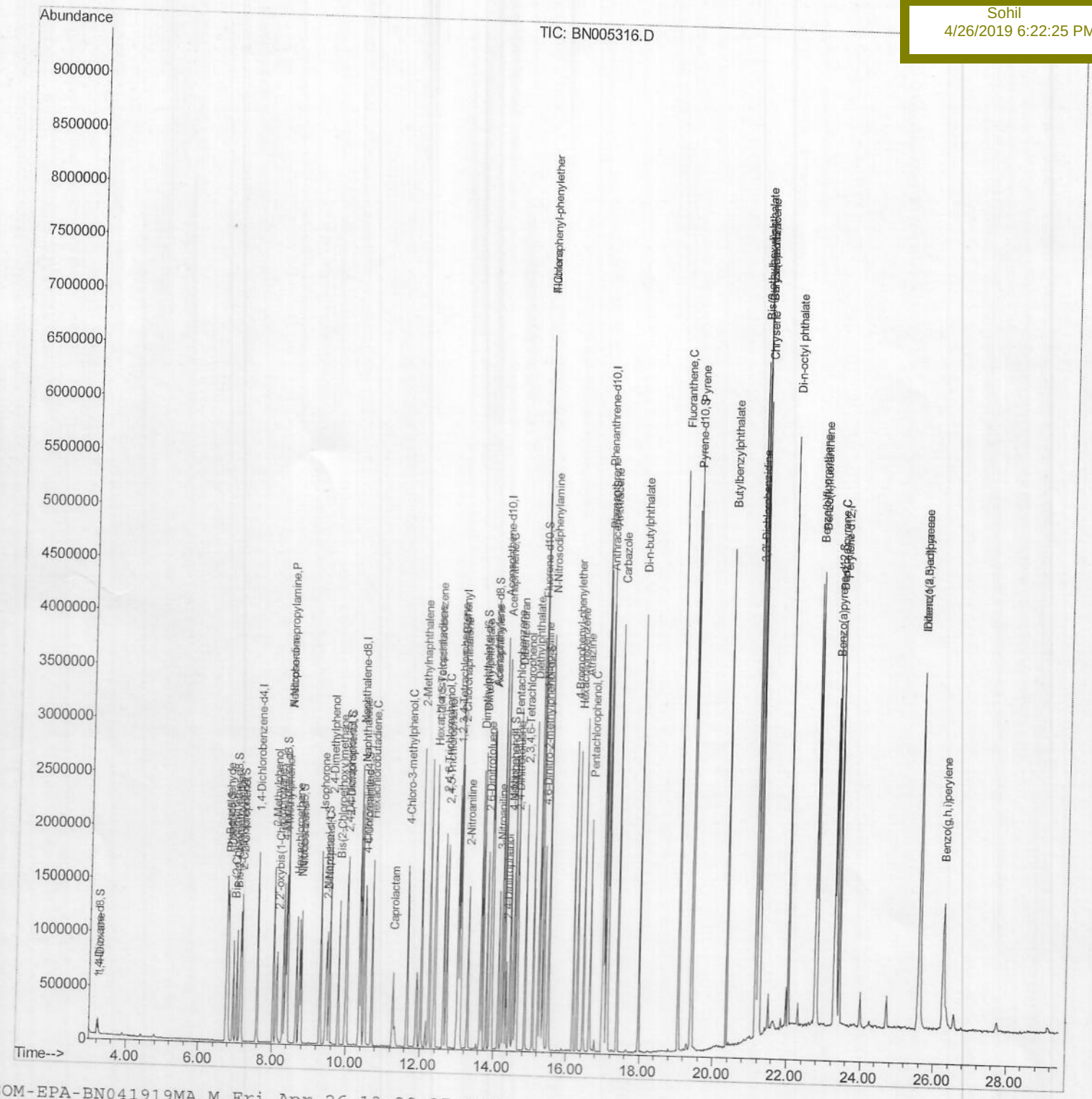
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042519\
Data File : BN005316.D
Acq On : 26 Apr 2019 12:13
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 26 13:39:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02078

Manual Integrations APPROVED
Sohil
4/26/2019 6:22:25 PM



SOM-EPA-BN041919MA.M Fri Apr 26 13:38:37 2019

Quantitation Report (Qedit)

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Acq On : 26 Apr 2019 12:13
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Quant Time: Apr 26 13:36:18 2019
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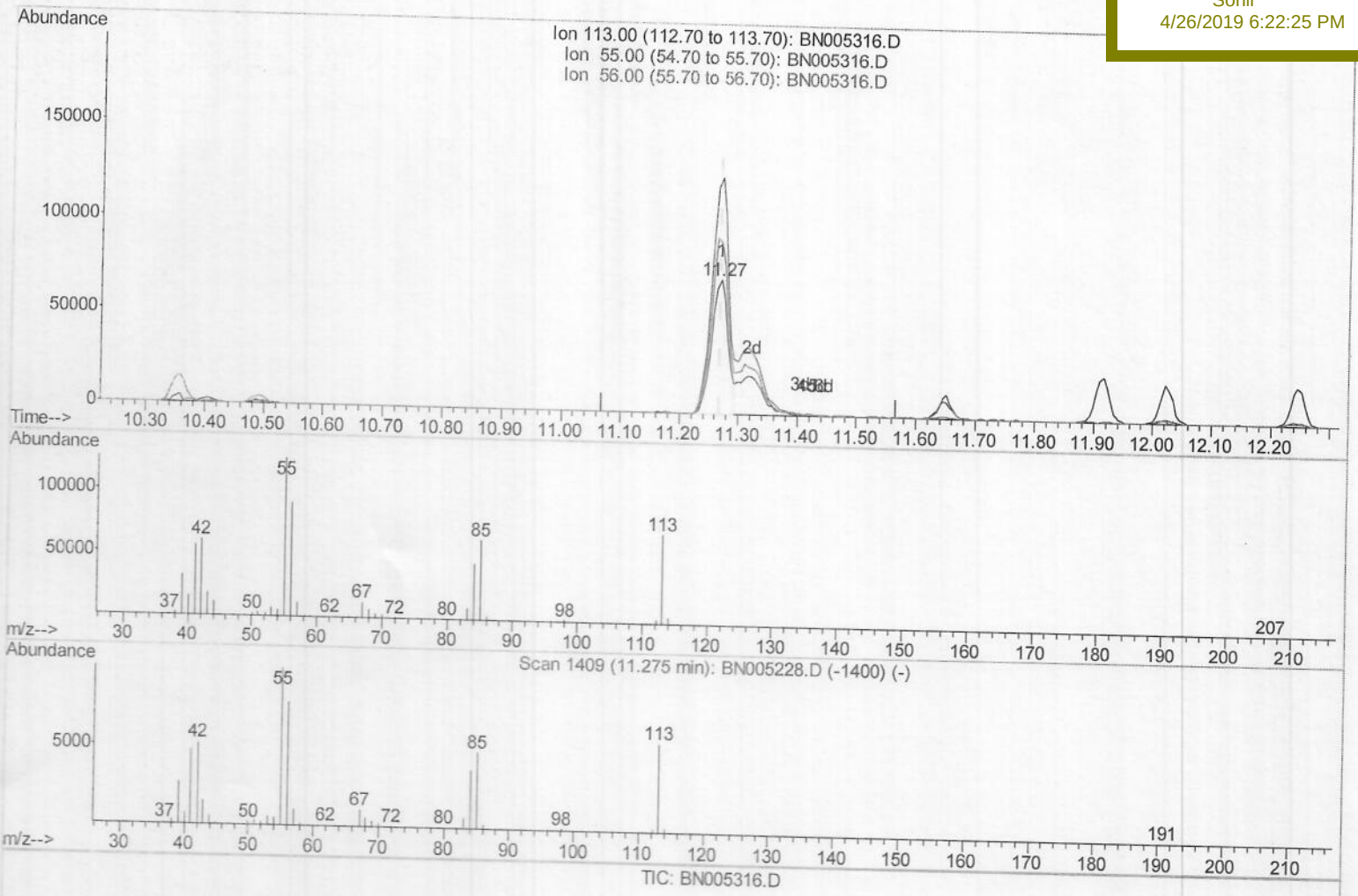

(32) Caprolactam

11.269min (+0.000) 15.83ng/ul

response 139180

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	176.42
56.00	148.90	127.32
0.00	0.00	0.00

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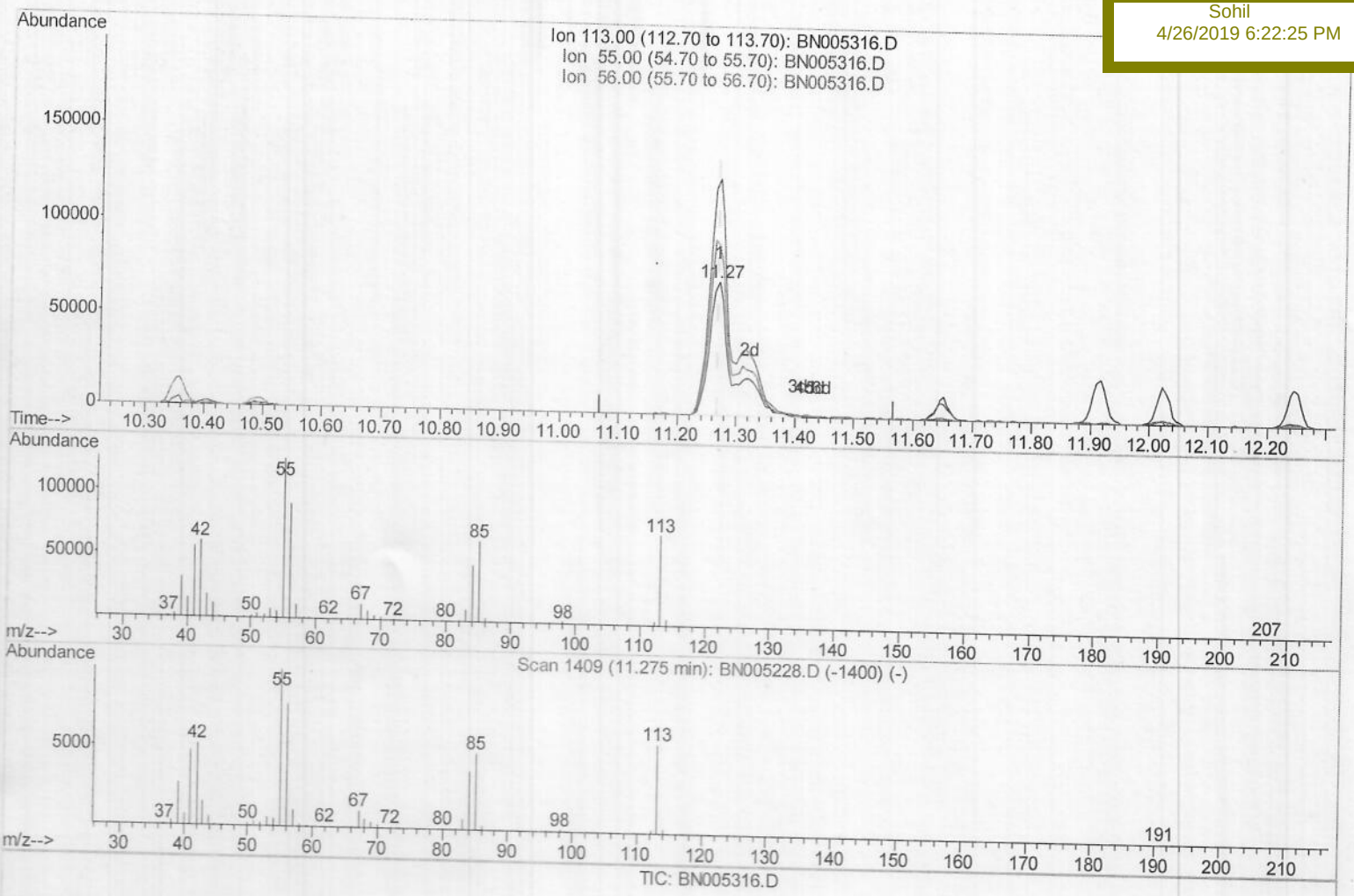

TIC: BN005316.D

(32) Caprolactam

11.269min (+0.000) 22.64ng/ul m

response 199072

SJ 04/26/19

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	176.42
56.00	148.90	127.32
0.00	0.00	0.00

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Manual Integrations APPROVED
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4/26/2019 6:22:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	466084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2059257	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1293675	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	3025312	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2822320	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	2592987	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	64456	6.68	ng/uL	0.00
5) Phenol-d5	6.78	99	683962	18.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	386243	16.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	536308	19.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	550673	19.24	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	269083	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	304193	23.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	580602	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	621768	20.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1694837	18.05	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2130478	18.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	323048	21.79	ng/ul	0.00
57) Fluorene-d10	15.23	176	1456869	18.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	280363	20.60	ng/ul	0.00
70) Anthracene-d10	17.08	188	2338251	18.44	ng/ul	0.00
78) Pyrene-d10	19.39	212	2617259	18.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2154564	19.01	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	68275	6.576	ng/uL	96
4) Benzaldehyde	6.75	77	474586	18.295	ng/ul	99
6) Phenol	6.80	94	702063	18.646	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	541014	17.945	ng/ul	93
10) 2-Chlorophenol	7.16	128	546163	18.858	ng/ul	97
11) 2-Methylphenol	8.03	108	535068	18.964	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	802753	15.858	ng/ul	97
14) Acetophenone	8.40	105	868847	18.972	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	432853	17.669	ng/ul	92
16) 4-Methylphenol	8.36	108	590909	19.393	ng/ul	96
17) Hexachloroethane	8.66	117	222697	17.707	ng/ul	92
20) Nitrobenzene	8.78	77	633562	18.164	ng/ul	96
21) Isophorone	9.30	82	1247846	18.068	ng/ul	99
23) 2-Nitrophenol	9.48	139	320349	22.002	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	648904	17.799	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	751677	17.319	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	564710	19.427	ng/ul	99
28) Naphthalene	10.40	128	1765569	18.443	ng/ul	99
30) 4-Chloroaniline	10.52	127	632529	20.445	ng/ul	99
31) Hexachlorobutadiene	10.69	225	375879	18.311	ng/ul	99
32) Caprolactam	11.27	113	199072m	22.635	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	624673	19.085	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	1299708	18.542	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	731732	18.277 ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	452716	16.585 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	476226	19.726 ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	517815	19.961 ng/ul	96
40) 1,1'-Biphenyl	13.06	154	1720755	17.852 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1330009	17.941 ng/ul	98
42) 2-Nitroaniline	13.30	65	413337	21.021 ng/ul	92
44) Dimethylphthalate	13.69	163	1675648	17.907 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	358487	22.187 ng/ul	89
47) Acenaphthylene	13.95	152	2070331	18.265 ng/ul	99
48) 3-Nitroaniline	14.13	138	339512	22.603 ng/ul#	91
49) Acenaphthene	14.29	153	1396200	18.042 ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	171937	21.846 ng/ul	90
52) 4-Nitrophenol	14.45	109	258554	19.210 ng/ul	92
53) Dibenzofuran	14.63	168	2042660	18.334 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	532032	22.841 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.86	232	458662	21.253 ng/ul	96
56) Diethylphthalate	15.07	149	1681616	17.922 ng/ul	98
58) Fluorene	15.28	166	1609664	18.515 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	847537	18.377 ng/ul	96
60) 4-Nitroaniline	15.30	138	420580	22.460 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.37	198	287699	19.866 ng/ul	95
64) N-Nitrosodiphenylamine	15.50	169	1460919	17.644 ng/ul	98
65) 4-Bromophenyl-phenylether	16.18	248	550131	18.050 ng/ul	96
66) Hexachlorobenzene	16.29	284	593209	18.278 ng/ul	96
67) Atrazine	16.46	200	555556	18.023 ng/ul	98
68) Pentachlorophenol	16.63	266	380646	20.031 ng/ul	97
69) Phenanthrene	17.02	178	2648419	17.975 ng/ul	99
71) Anthracene	17.12	178	2729130	18.183 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	753119	17.043 ng/uL	98
73) Pentachlorobenzene	14.55	250	696293	17.507 ng/uL	99
74) Carbazole	17.39	167	2470362	19.160 ng/ul	99
75) Di-n-butylphthalate	17.97	149	2967721	18.345 ng/ul	100
76) Fluoranthene	19.06	202	3235366	19.797 ng/ul	98
79) Pyrene	19.42	202	3265310	17.969 ng/ul	98
80) Butylbenzylphthalate	20.36	149	1391938	19.347 ng/ul	91
81) 3,3'-Dichlorobenzidine	21.13	252	1074000	19.046 ng/ul	98
82) Benzo(a)anthracene	21.20	228	3182464	18.126 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	1932545	17.444 ng/ul	98
84) Chrysene	21.25	228	2977305	18.271 ng/ul	100
86) Di-n-octyl phthalate	22.03	149	3467400	21.833 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2835258	19.452 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	2695017	19.360 ng/ul	99
90) Benzo(a)pyrene	23.32	252	2560568	18.689 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.59	276	2563952	16.926 ng/ul	98
92) Dibenzo(a,h)anthracene	25.60	278	2202418	17.132 ng/ul	97
93) Benzo(g,h,i)perylene	26.26	276	1874712	14.968 ng/ul	98

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