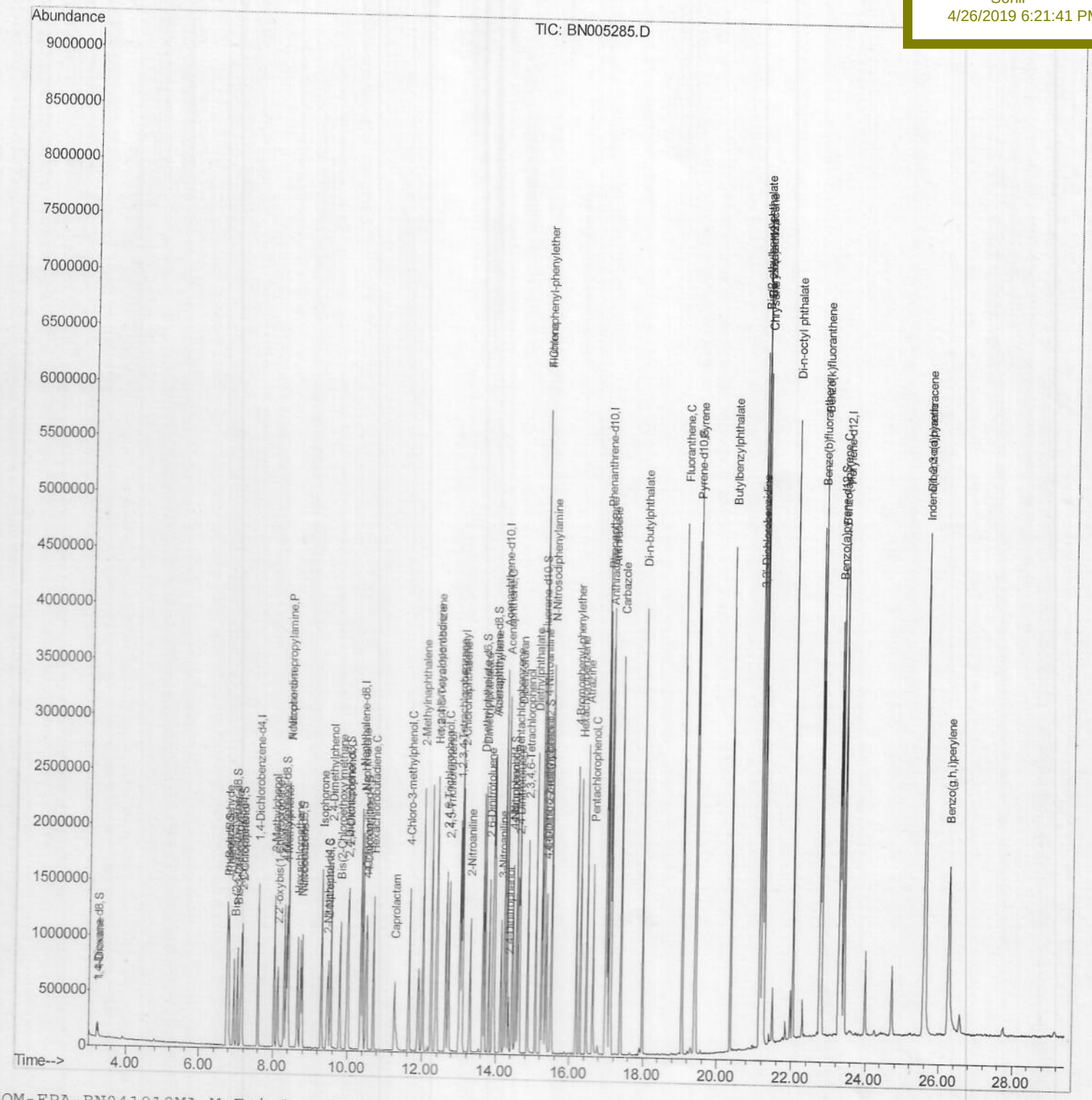
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042519\
Data File : BN005285.D
Acq On : 25 Apr 2019 18:24
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 03:05:52 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 :
SSTD02076

Manual Integrations APPROVED
Sohil
4/26/2019 6:21:41 PM



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Quant Time: Apr 26 02:59:20 2019
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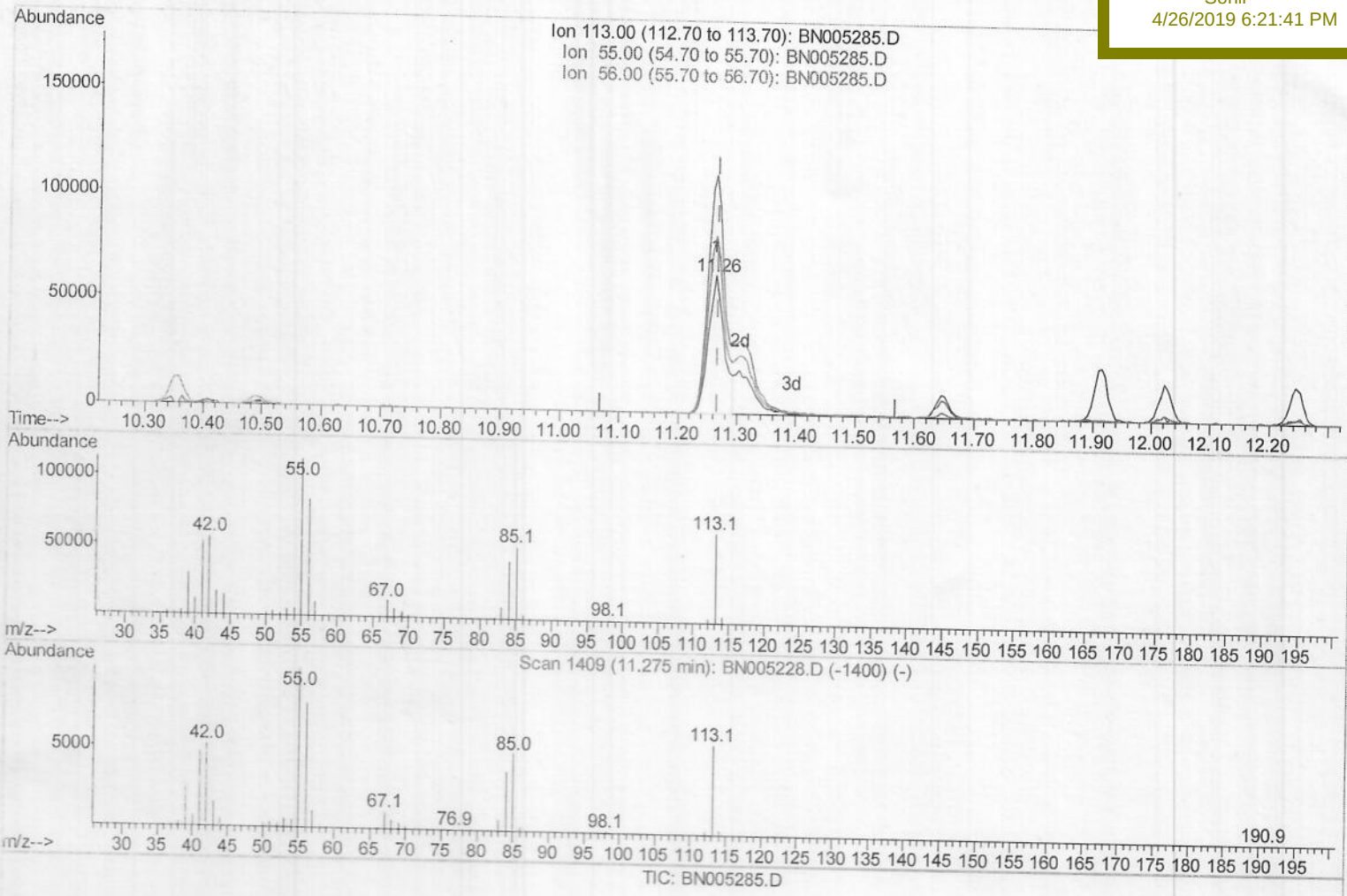

(32) Caprolactam

11.263min (-0.006) 16.31ng/ul

response 120935

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	175.11
56.00	148.90	129.21
0.00	0.00	0.00

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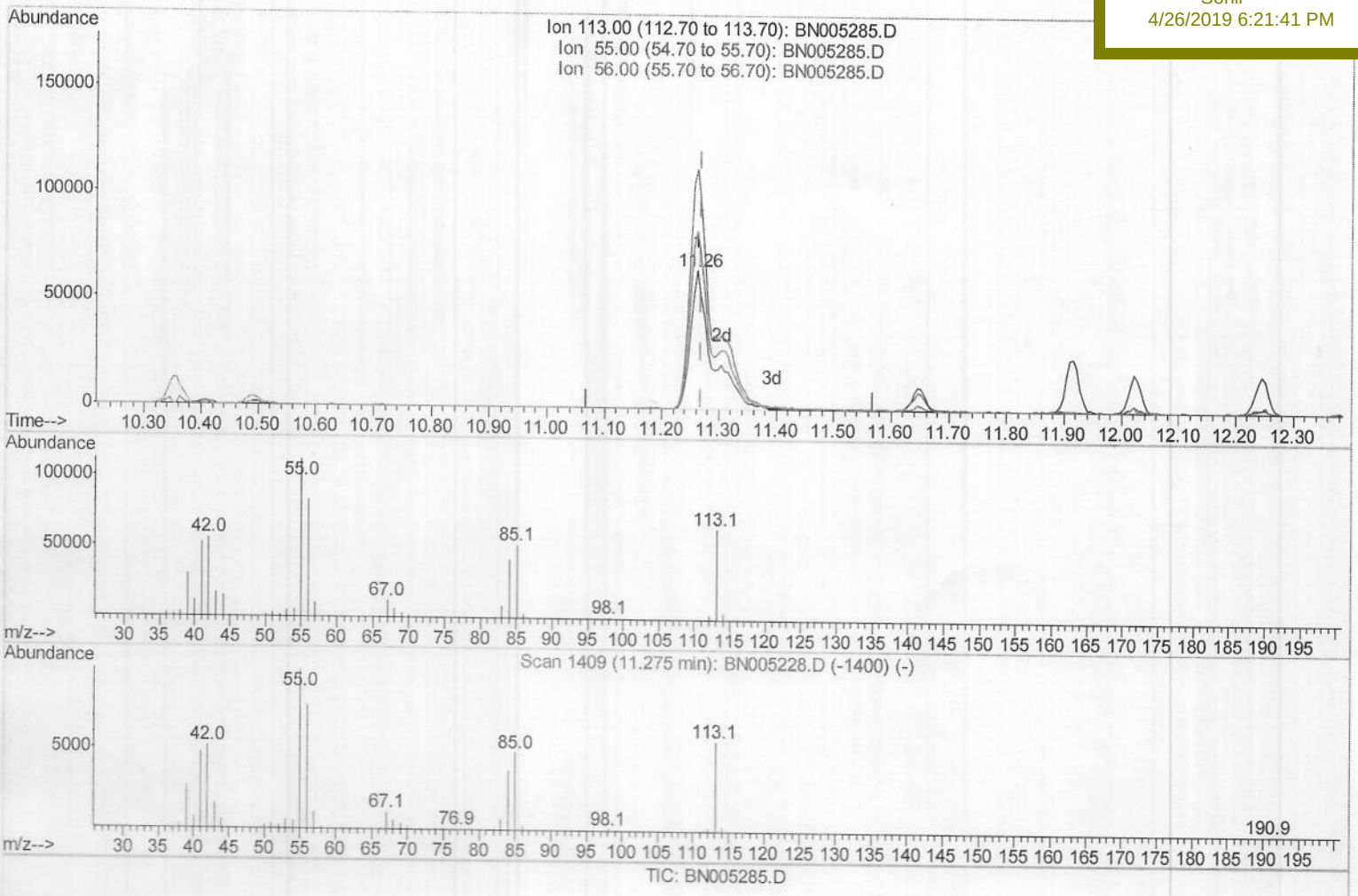

(32) Caprolactam

11.263min (-0.006) 22.43ng/ul m

response 166240

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	175.11
56.00	148.90	129.21
0.00	0.00	0.00

SJ
04/26/19

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Sohil
4/26/2019 6:21:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	384761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1735707	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1116911	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2673172	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2724178	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	3129248	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	56720	7.12	ng/uL	0.00
5) Phenol-d5	6.77	99	560606	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	336763	17.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	439106	18.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	454149	19.23	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	212361	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	195534	18.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	474258	19.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	506895	19.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1518402	18.73	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1868409	18.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	258985	20.23	ng/ul	0.00
57) Fluorene-d10	15.23	176	1284448	18.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	186674	15.53	ng/ul	0.00
70) Anthracene-d10	17.08	188	2066338	18.44	ng/ul	0.00
78) Pyrene-d10	19.39	212	2348141	16.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2520628	18.43	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	62084	7.243	ng/uL	91
4) Benzaldehyde	6.75	77	404539	18.891	ng/ul	99
6) Phenol	6.80	94	575755	18.523	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	460268	18.493	ng/ul	95
10) 2-Chlorophenol	7.16	128	448827	18.772	ng/ul	98
11) 2-Methylphenol	8.03	108	443742	19.052	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.12	45	720687	17.246	ng/ul	100
14) Acetophenone	8.40	105	738789	19.542	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.39	70	385197	19.048	ng/ul	92
16) 4-Methylphenol	8.36	108	489247	19.450	ng/ul	98
17) Hexachloroethane	8.66	117	184183	17.740	ng/ul	94
20) Nitrobenzene	8.77	77	529365	18.005	ng/ul	96
21) Isophorone	9.30	82	1096382	18.834	ng/ul	98
23) 2-Nitrophenol	9.48	139	233003	18.986	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	547726	17.824	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	661383	18.079	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	464806	18.971	ng/ul	99
28) Naphthalene	10.40	128	1474056	18.268	ng/ul	99
30) 4-Chloroaniline	10.52	127	516551	19.809	ng/ul	99
31) Hexachlorobutadiene	10.70	225	307079	17.748	ng/ul	98
32) Caprolactam	11.26	113	166240m	22.425	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	523036	18.959	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	1110968	18.804	ng/ul	100

SJ 04/26/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	615637	17.811 ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	430707	18.276 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	377303	18.102 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	416133	18.580 ng/ul	99
40) 1,1'-Biphenyl	13.06	154	1487784	17.878 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1147994	17.936 ng/ul	97
42) 2-Nitroaniline	13.30	65	318061	18.736 ng/ul	92
44) Dimethylphthalate	13.69	163	1499076	18.556 ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	282325	20.239 ng/ul	93
47) Acenaphthylene	13.95	152	1800419	18.397 ng/ul	99
48) 3-Nitroaniline	14.13	138	269954	20.816 ng/ul	91
49) Acenaphthene	14.29	153	1224370	18.326 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	95458	14.048 ng/ul	89
52) 4-Nitrophenol	14.45	109	209311	18.012 ng/ul	86
53) Dibenzofuran	14.63	168	1765731	18.356 ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	436028	21.682 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.86	232	356612	19.139 ng/ul	98
56) Diethylphthalate	15.07	149	1514524	18.696 ng/ul	98
58) Fluorene	15.28	166	1403238	18.695 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	730945	18.358 ng/ul	99
60) 4-Nitroaniline	15.30	138	345479	21.369 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.37	198	218342	17.063 ng/ul	93
64) N-Nitrosodiphenylamine	15.50	169	1269914	17.357 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	470856	17.484 ng/ul	97
66) Hexachlorobenzene	16.29	284	503394	17.554 ng/ul	96
67) Atrazine	16.46	200	494762	18.165 ng/ul	98
68) Pentachlorophenol	16.63	266	283968	16.912 ng/ul	99
69) Phenanthrene	17.02	178	2372833	18.226 ng/ul	99
71) Anthracene	17.12	178	2436824	18.374 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	647709	16.589 ng/uL	100
73) Pentachlorobenzene	14.55	250	586978	16.703 ng/uL	99
74) Carbazole	17.39	167	2193771	19.256 ng/ul	99
75) Di-n-butylphthalate	17.97	149	2696835	18.867 ng/ul	99
76) Fluoranthene	19.06	202	2911024	20.159 ng/ul	99
79) Pyrene	19.42	202	2984687	17.016 ng/ul	98
80) Butylbenzylphthalate	20.36	149	1267504	18.252 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.14	252	1029038	18.906 ng/ul	99
82) Benzo(a)anthracene	21.20	228	3127727	18.456 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1982374	18.539 ng/ul	97
84) Chrysene	21.25	228	2890125	18.375 ng/ul	99
86) Di-n-octyl phthalate	22.04	149	3454339	18.024 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	3102202	17.636 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	3111411	18.520 ng/ul	100
90) Benzo(a)pyrene	23.32	252	3027727	18.312 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.59	276	3465773	18.959 ng/ul	99
92) Dibenzo(a,h)anthracene	25.61	278	2941544	18.961 ng/ul	99
93) Benzo(g,h,i)perylene	26.26	276	2517227	16.654 ng/ul	98

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