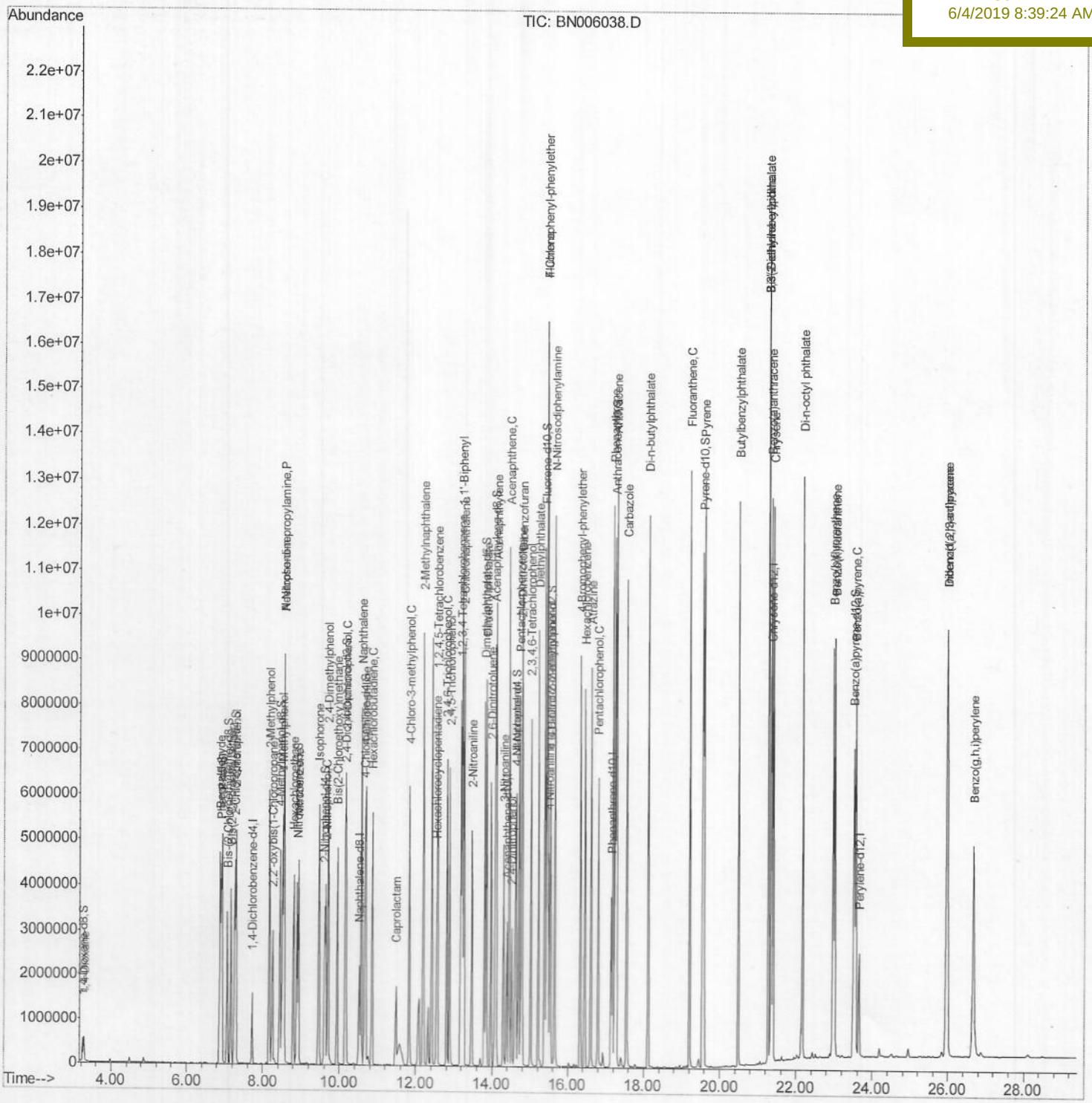
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060319\
Data File : BN006038.D
Acq On : 03 Jun 2019 13:06
Operator : JU/SJ
Sample : SSTD08092
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 14:43:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 03 13:55:55 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD08092

Manual Integrations APPROVED
Sohil
6/4/2019 8:39:24 AM



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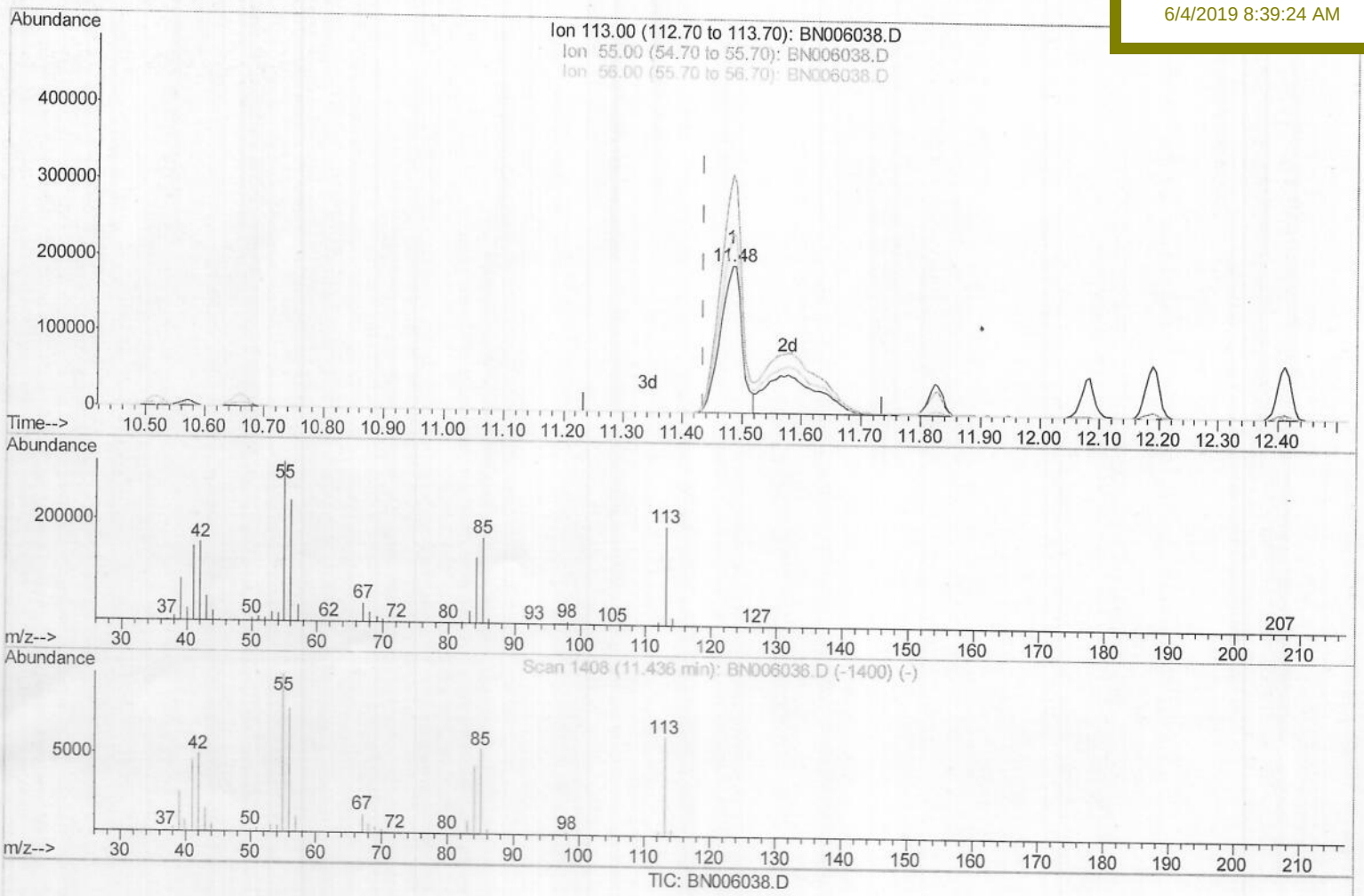

TIC: BN006038.D

(32) Caprolactam

11.483min (+0.047) 47.78ng/ul

response 491540

Ion	Exp%	Act%
113.00	100	100
55.00	159.20	161.54
56.00	123.60	123.31
0.00	0.00	0.00

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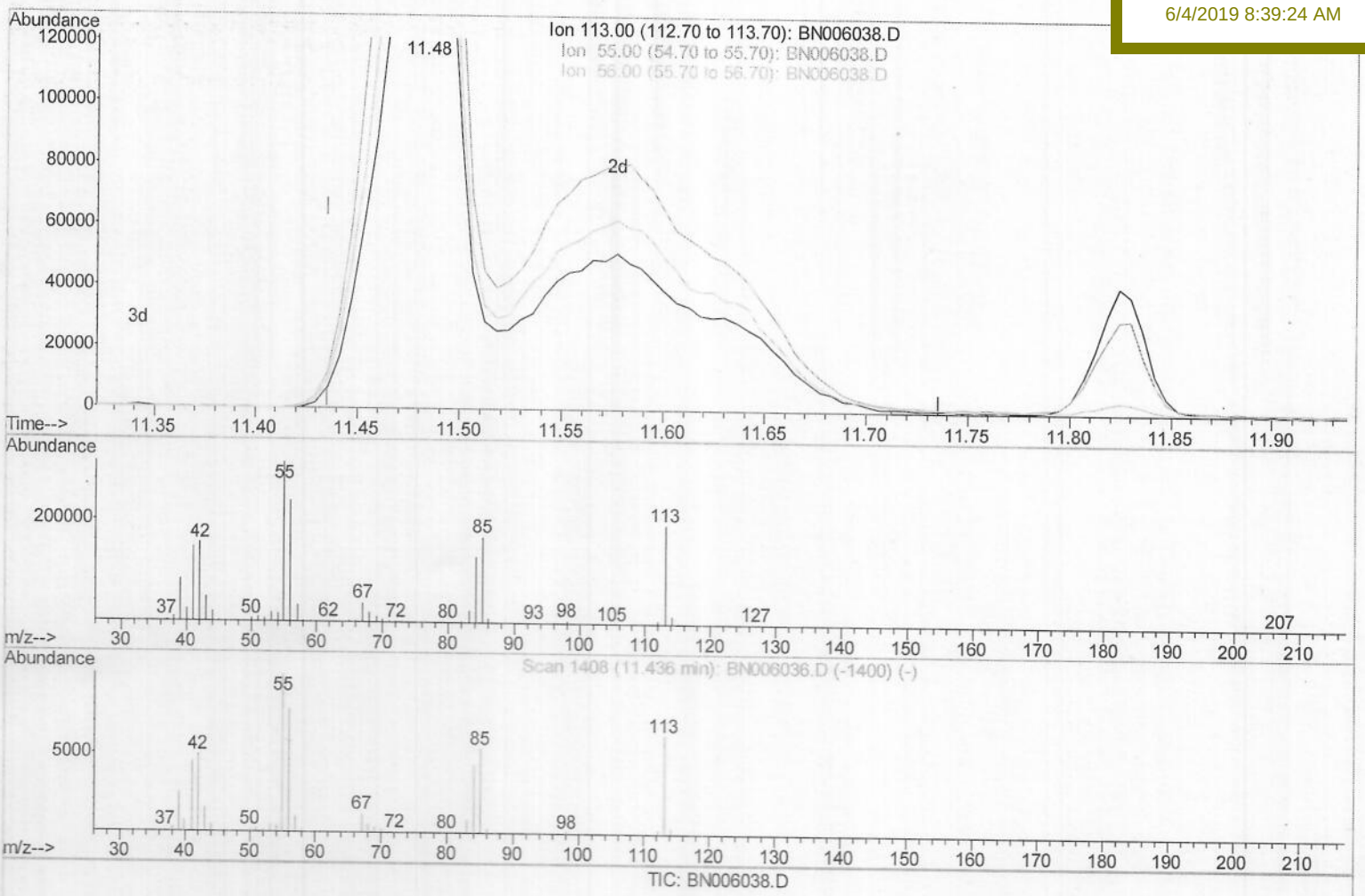

TIC: BN006038.D

(32) Caprolactam

11.483min (+0.047) 79.04ng/ul m

response 813105

JU 06/03/19

Ion	Exp%	Act%
113.00	100	100
55.00	159.20	161.54
56.00	123.60	123.31
0.00	0.00	0.00

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Sohil
6/4/2019 8:39:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	409661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	1844747	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	1072523	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	2295101	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1452062	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1585929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	274663	29.50	ng/uL	0.00
5) Phenol-d5	6.91	99	2719685	74.90	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	1506230	72.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	2129646	76.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	2180622	74.40	ng/ul	0.02
19) Nitrobenzene-d5	8.89	128	1077841	91.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	1223259	110.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	2132728	81.91	ng/ul	0.01
29) 4-Chloroaniline-d4	10.66	131	2671025	78.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	5819244	73.60	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	7275525	73.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	1160520	80.65	ng/ul	0.02
57) Fluorene-d10	15.38	176	4765653	71.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	964744	103.13	ng/ul	0.01
70) Anthracene-d10	17.24	188	6878231	70.42	ng/ul	0.00
78) Pyrene-d10	19.55	212	6460382	88.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	5455820	77.10	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	290995	29.510	ng/uL	97
4) Benzaldehyde	6.87	77	1611217	64.275	ng/ul	99
6) Phenol	6.93	94	2766429	73.944	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.16	93	2113169	73.144	ng/ul	99
10) 2-Chlorophenol	7.29	128	2154114	76.609	ng/ul	99
11) 2-Methylphenol	8.17	108	2129535	73.876	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	2828489	73.514	ng/ul	99
14) Acetophenone	8.55	105	3131102	70.846	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.56	70	1602892	67.780	ng/ul	99
16) 4-Methylphenol	8.51	108	2298738	72.641	ng/ul	100
17) Hexachloroethane	8.80	117	844257	75.289	ng/ul	98
20) Nitrobenzene	8.93	77	2479099	82.027	ng/ul	98
21) Isophorone	9.46	82	4754608	72.262	ng/ul	99
23) 2-Nitrophenol	9.64	139	1268764	98.299	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	2475182	76.539	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	2931523	73.198	ng/ul	100
27) 2,4-Dichlorophenol	10.17	162	2070972	80.346	ng/ul	98
28) Naphthalene	10.57	128	6549412	74.807	ng/ul	99
30) 4-Chloroaniline	10.68	127	2654089	77.504	ng/ul	100
31) Hexachlorobutadiene	10.85	225	1202406	83.945	ng/ul	99
32) Caprolactam	11.48	113	813105m	79.037	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	2397098	77.129	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	4687419	72.681	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	2385534	83.283 ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	954901	57.266 ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	1668817	88.540 ng/ul	97
39) 2,4,5-Trichlorophenol	12.88	196	1799864	87.348 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	5886862	74.005 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	4629061	76.831 ng/ul	98
42) 2-Nitroaniline	13.47	65	1577195	98.964 ng/ul	97
44) Dimethylphthalate	13.85	163	5697685	72.099 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	1328003	97.485 ng/ul	99
47) Acenaphthylene	14.11	152	6969261	71.855 ng/ul	99
48) 3-Nitroaniline	14.30	138	1273116	86.084 ng/ul	98
49) Acenaphthene	14.45	153	4748011	72.061 ng/ul	98
50) 2,4-Dinitrophenol	14.51	184	684824	112.963 ng/ul	99
52) 4-Nitrophenol	14.63	109	871726	77.287 ng/ul	98
53) Dibenzofuran	14.79	168	6606214	71.025 ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	1804826	88.881 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.02	232	1481638	87.482 ng/ul	99
56) Diethylphthalate	15.22	149	5716682	69.500 ng/ul	99
58) Fluorene	15.44	166	4915805	67.291 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.44	204	2468737	70.918 ng/ul	99
60) 4-Nitroaniline	15.48	138	1500341	83.778 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	966286	93.923 ng/ul	95
64) N-Nitrosodiphenylamine	15.65	169	4728995	73.906 ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	1747932	82.006 ng/ul	98
66) Hexachlorobenzene	16.45	284	1856884	81.080 ng/ul	99
67) Atrazine	16.62	200	1778230	78.561 ng/ul	99
68) Pentachlorophenol	16.79	266	1156085	85.808 ng/ul	99
69) Phenanthrene	17.19	178	8024625	70.569 ng/ul	98
71) Anthracene	17.28	178	7995768	69.259 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	2465938	86.581 ng/uL	98
73) Pentachlorobenzene	14.71	250	2215589	83.992 ng/uL	99
74) Carbazole	17.55	167	7388141	71.038 ng/ul	99
75) Di-n-butylphthalate	18.11	149	9183501	67.562 ng/ul	98
76) Fluoranthene	19.21	202	8167055	67.278 ng/ul	99
79) Pyrene	19.58	202	7756980	84.331 ng/ul	99
80) Butylbenzylphthalate	20.49	149	3871950	93.670 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.28	252	2021665	70.107 ng/ul	97
82) Benzo(a)anthracene	21.34	228	6804952	74.550 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.27	149	4915120	82.032 ng/ul	98
84) Chrysene	21.40	228	6360526	74.712 ng/ul	99
86) Di-n-octyl phthalate	22.17	149	8490723	90.736 ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	6850030	76.900 ng/ul	98
88) Benzo(k)fluoranthene	23.01	252	6155623	75.159 ng/ul	99
90) Benzo(a)pyrene	23.56	252	6333203	75.394 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	7391028	74.984 ng/ul	98
92) Dibenzo(a,h)anthracene	25.98	278	6184404	75.358 ng/ul	98
93) Benzo(g,h,i)perylene	26.67	276	6195646	74.631 ng/ul	97

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