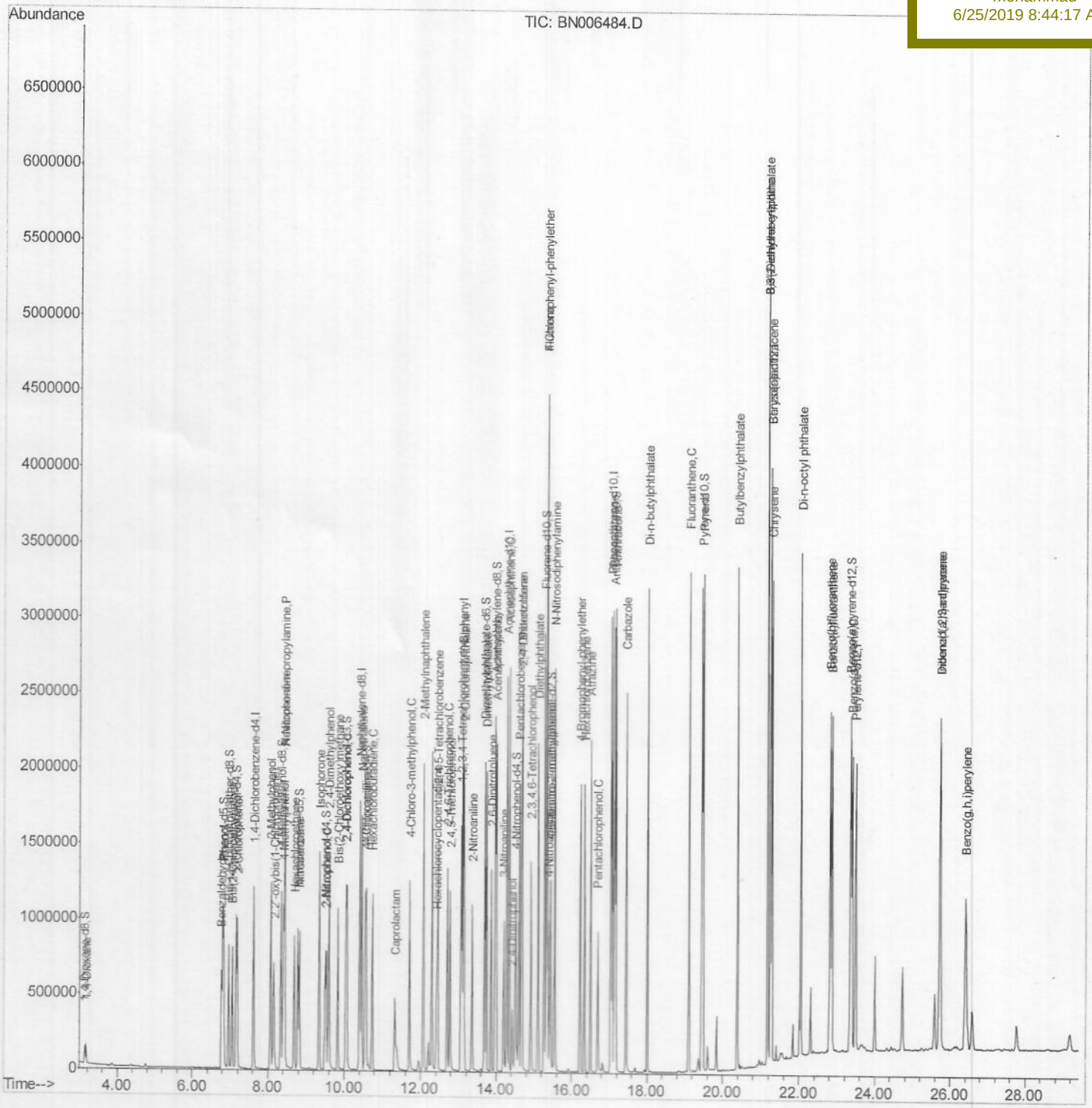
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006484.D
Acq On : 22 Jun 2019 12:21
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 24 04:08:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 22:42:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD02022

Manual Integrations APPROVED
mohammad
6/25/2019 8:44:17 AM



Quantitation Report (Qedit)

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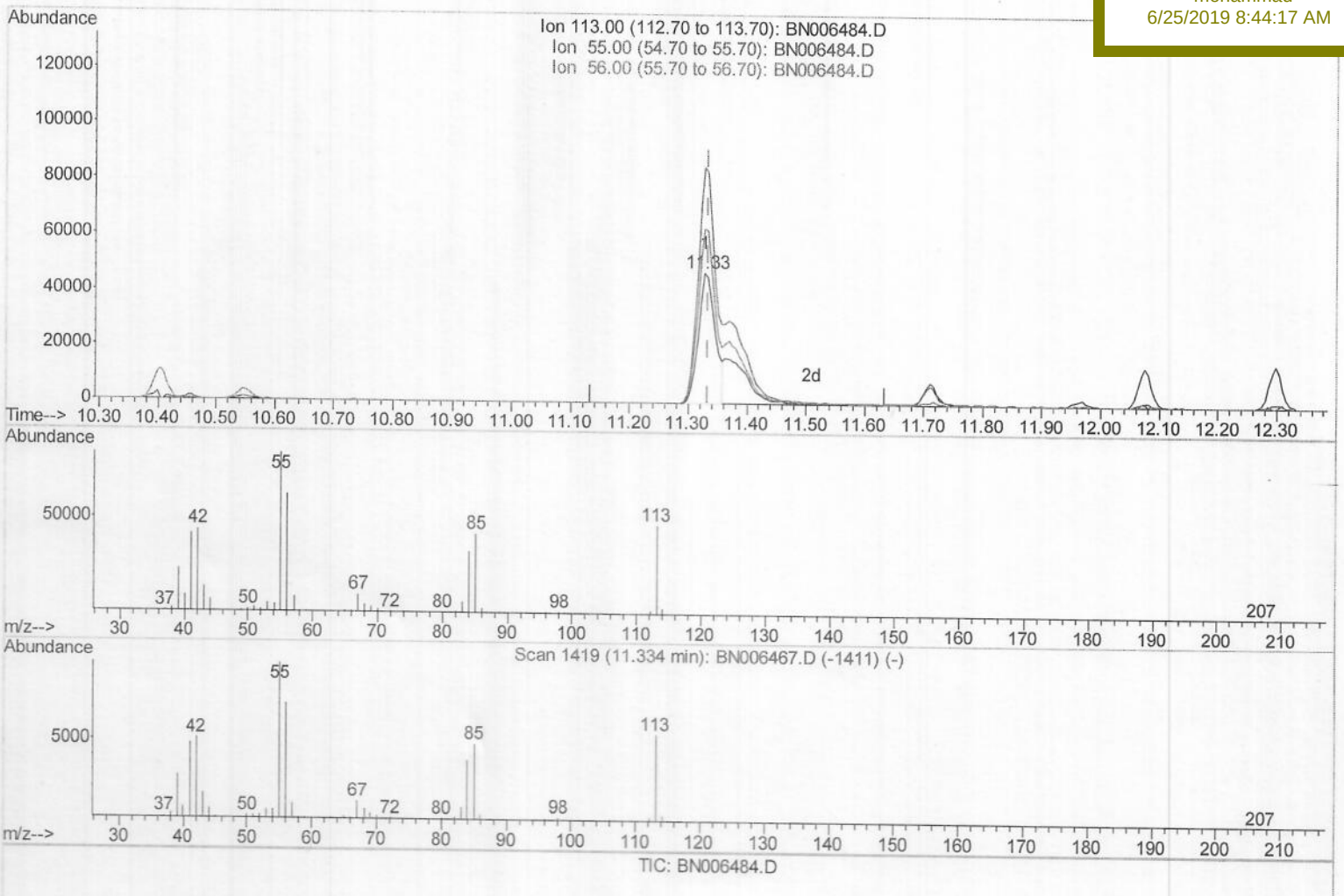

TIC: BN006484.D

(32) Caprolactam

11.328min (-0.006) 11.41ng/ul

response 93828

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	179.69
56.00	128.30	133.43
0.00	0.00	0.00

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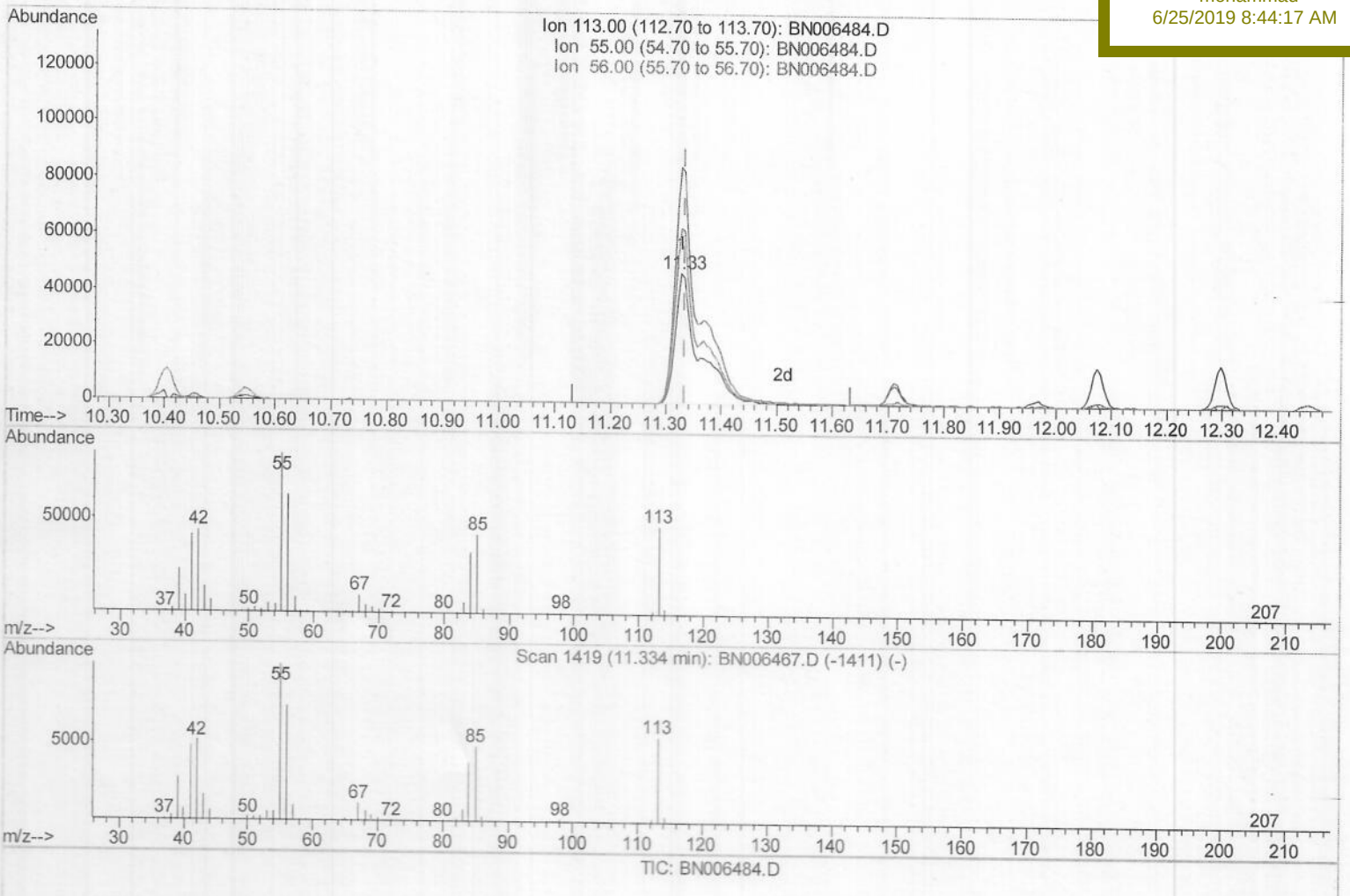

TIC: BN006484.D

(32) Caprolactam

11.328min (-0.006) 17.14ng/ul m > JU 06/26/19

response 140975

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	179.69
56.00	128.30	133.43
0.00	0.00	0.00

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6/25/2019 8:44:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	309273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1398058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	818797	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1734167	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1295945	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1265092	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	57195	7.22	ng/uL	0.00
5) Phenol-d5	6.80	99	567602	17.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	366301	17.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	431766	17.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	437093	16.73	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	211006	18.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	236743	19.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	425864	18.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	537405	19.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	1270178	17.70	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	1598248	18.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	205628	16.77	ng/ul	0.00
57) Fluorene-d10	15.28	176	1081059	17.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	176255	16.06	ng/ul	0.00
70) Anthracene-d10	17.13	188	1591820	18.23	ng/ul	0.00
78) Pyrene-d10	19.45	212	1595284	21.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	1301003	18.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	58754	7.325	ng/uL	97
4) Benzaldehyde	6.77	77	233127	17.526	ng/ul	100
6) Phenol	6.83	94	545040	17.167	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.05	93	430174	17.794	ng/ul	97
10) 2-Chlorophenol	7.19	128	406779	17.484	ng/ul	99
11) 2-Methylphenol	8.07	108	410072	17.054	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	686487	17.953	ng/ul	100
14) Acetophenone	8.44	105	644792	17.202	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	357022	16.959	ng/ul	99
16) 4-Methylphenol	8.40	108	438236	16.637	ng/ul	98
17) Hexachloroethane	8.69	117	167103	17.712	ng/ul	99
20) Nitrobenzene	8.82	77	496163	18.367	ng/ul	99
21) Isophorone	9.34	82	994549	17.812	ng/ul	99
23) 2-Nitrophenol	9.53	139	232070	18.909	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	480605	17.940	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	604574	17.847	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	387017	18.070	ng/ul	100
28) Naphthalene	10.45	128	1311630	17.821	ng/ul	100
30) 4-Chloroaniline	10.57	127	503055	19.783	ng/ul	99
31) Hexachlorobutadiene	10.73	225	226849	18.230	ng/ul	99
32) Caprolactam	11.33	113	140975m	17.141	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	447891	17.384	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	937134	17.596	ng/ul	99

JU 06/26/19

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6/25/2019 8:44:17 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	447768	18.438	ng/ul	97
37) Hexachlorocyclopentadiene	12.43	237	176920	16.768	ng/ul	98
38) 2,4,6-Trichlorophenol	12.70	196	296786	18.804	ng/ul	99
39) 2,4,5-Trichlorophenol	12.78	196	309368	19.057	ng/ul	98
40) 1,1'-Biphenyl	13.10	154	1189497	18.361	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	918750	18.288	ng/ul	99
42) 2-Nitroaniline	13.36	65	302119	19.237	ng/ul	98
44) Dimethylphthalate	13.74	163	1167004	17.640	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	239738	18.595	ng/ul	99
47) Acenaphthylene	14.00	152	1409421	18.083	ng/ul	100
48) 3-Nitroaniline	14.20	138	244021	19.138	ng/ul	96
49) Acenaphthene	14.35	153	993494	17.886	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	93671	15.046	ng/ul	99
52) 4-Nitrophenol	14.52	109	143246	16.700	ng/ul	96
53) Dibenzofuran	14.68	168	1372406	17.830	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	340075	18.318	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.92	232	264096	18.068	ng/ul	100
56) Diethylphthalate	15.12	149	1175382	17.584	ng/ul	100
58) Fluorene	15.33	166	1109741	17.836	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	547925	17.974	ng/ul	98
60) 4-Nitroaniline	15.37	138	238468	17.424	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.44	198	175638	16.358	ng/ul	99
64) N-Nitrosodiphenylamine	15.55	169	975985	18.685	ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	332146	18.599	ng/ul	97
66) Hexachlorobenzene	16.35	284	365654	18.361	ng/ul	98
67) Atrazine	16.50	200	345084	19.171	ng/ul	97
68) Pentachlorophenol	16.69	266	165806	17.084	ng/ul	98
69) Phenanthrene	17.08	178	1720774	17.990	ng/ul	100
71) Anthracene	17.17	178	1753325	18.058	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	451122	19.330	ng/uL	98
73) Pentachlorobenzene	14.60	250	434764	18.682	ng/uL	97
74) Carbazole	17.45	167	1561935	18.640	ng/ul	100
75) Di-n-butylphthalate	18.01	149	2048498	19.150	ng/ul	100
76) Fluoranthene	19.11	202	1878479	18.223	ng/ul	99
79) Pyrene	19.47	202	1871679	21.213	ng/ul	100
80) Butylbenzylphthalate	20.39	149	884375	22.354	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.18	252	488257	17.819	ng/ul	98
82) Benzo(a)anthracene	21.24	228	1606962	18.142	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	1279532	22.554	ng/ul	99
84) Chrysene	21.30	228	1523992	18.078	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	2036074	25.047	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	1383128	18.217	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	1414231	19.489	ng/ul	100
90) Benzo(a)pyrene	23.40	252	1335319	18.341	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	1464478	16.997	ng/ul	99
92) Dibenzo(a,h)anthracene	25.73	278	1208311	16.935	ng/ul	99
93) Benzo(g,h,i)perylene	26.41	276	1202908	16.576	ng/ul	98

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