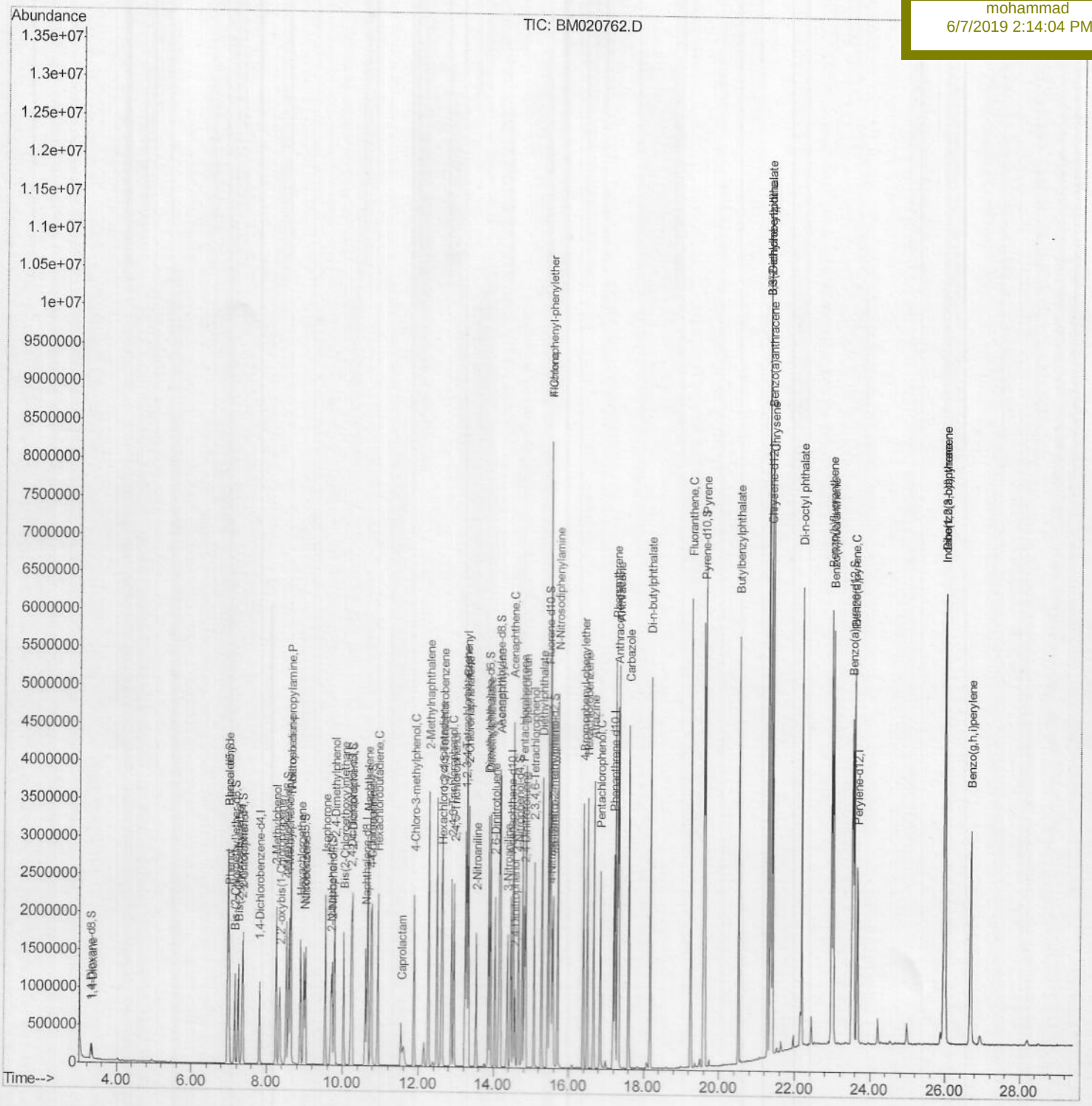
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060619\
Data File : BM020762.D
Acq On : 06 Jun 2019 12:30
Operator : HP/JU
Sample : SSTD04014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 06 13:14:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 06 12:49:31 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04014

Manual Integrations APPROVED
mohammad
6/7/2019 2:14:04 PM



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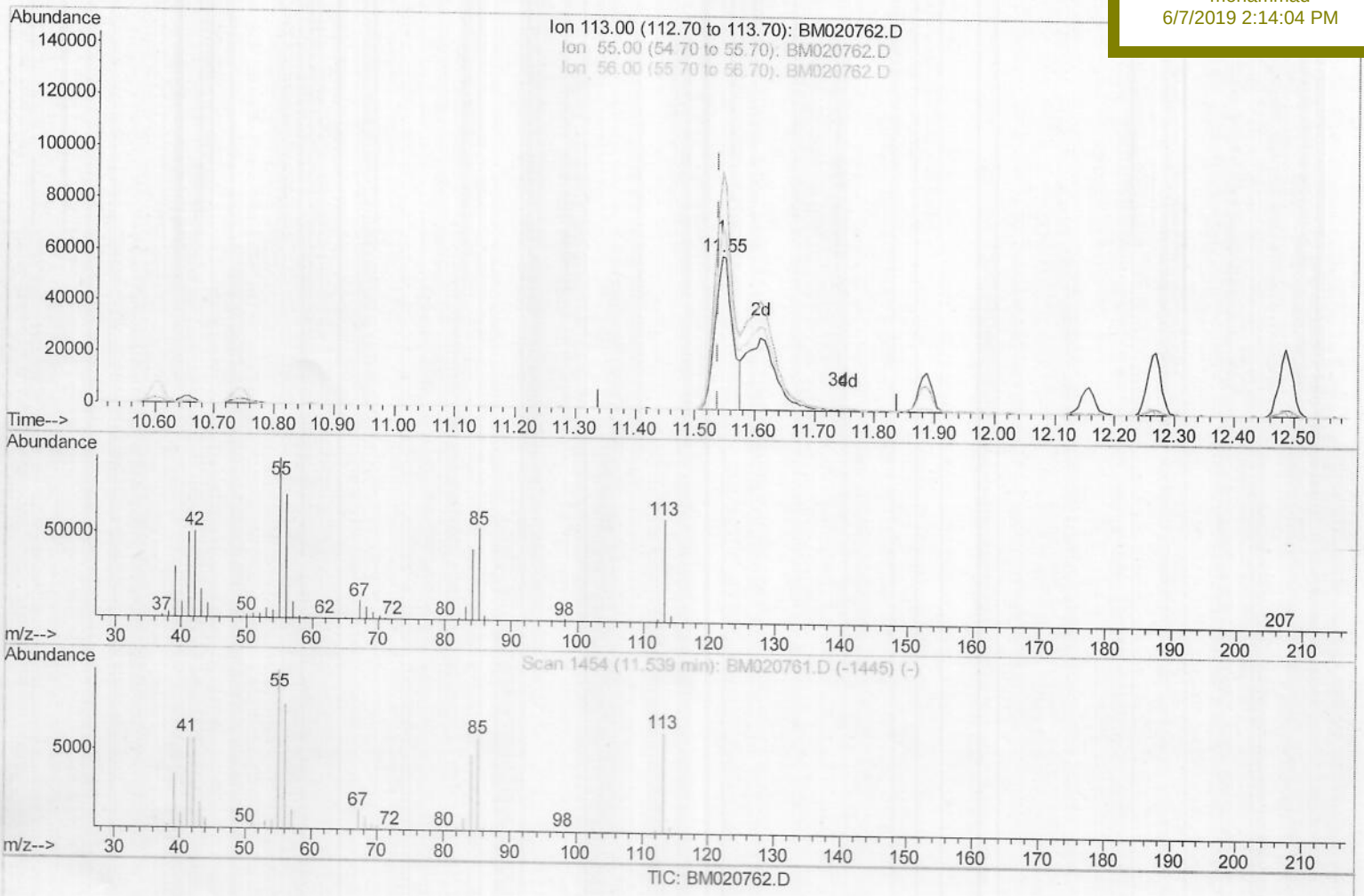

TIC: BM020762.D

(32) Caprolactam

11.545min (+0.006) 22.75ng/ul

response 119501

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	154.69
56.00	124.60	120.06
0.00	0.00	0.00

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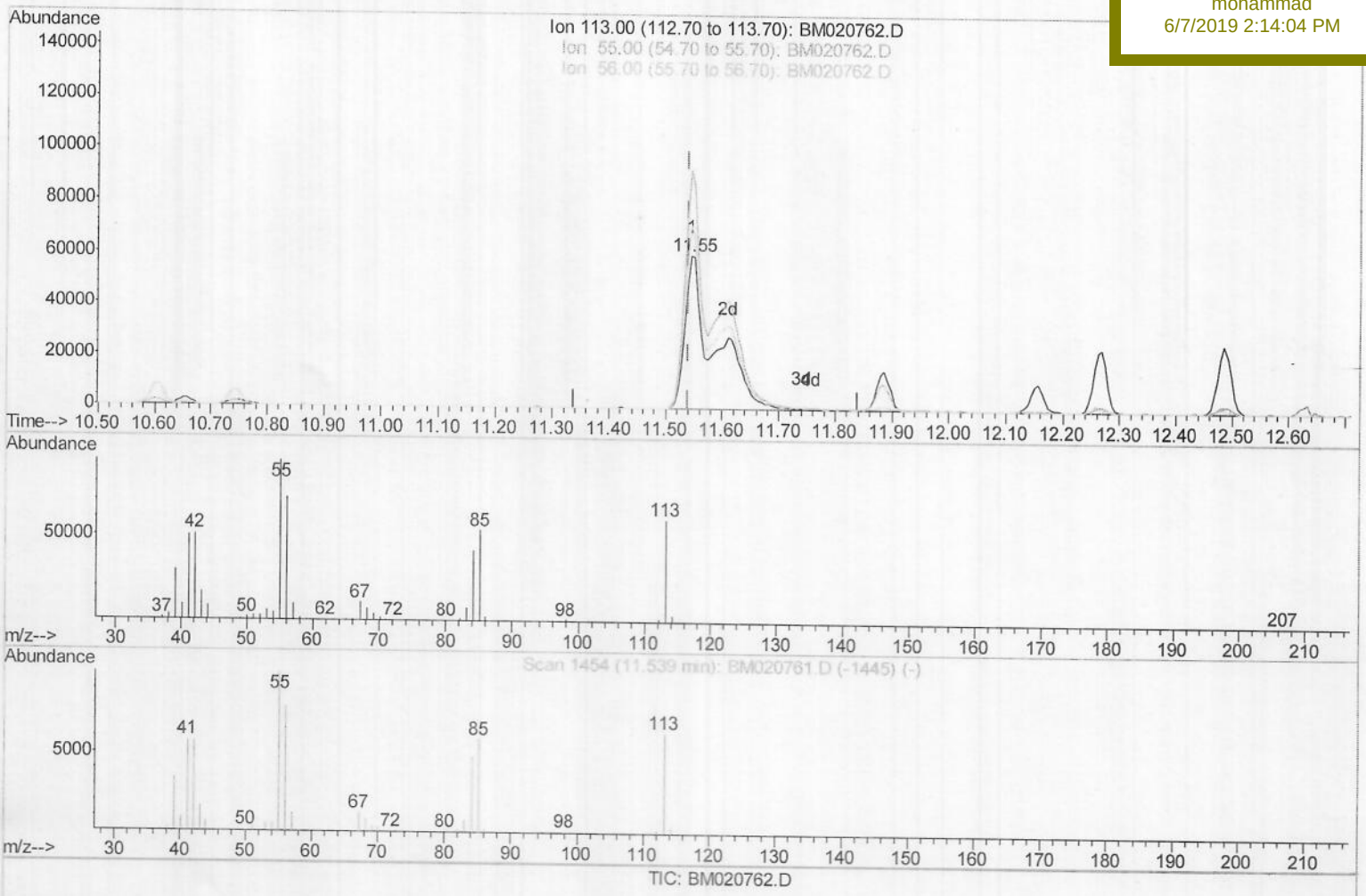

(32) Caprolactam

11.545min (+0.006) 41.03ng/ul m

response 215502

Ion	Exp%	Act%
113.00	100	100
55.00	157.50	154.69
56.00	124.60	120.06
0.00	0.00	0.00

JU 06/10/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	289388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1246667	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	732981	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1603127	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1561457	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1684217	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	92009	11.73	ng/uL	0.00
5) Phenol-d5	6.97	99	877379	38.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	523848	35.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	711726	42.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	709388	42.20	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	345275	42.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	369626	41.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	745004	39.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	911718	46.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	2116991	40.14	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2711290	41.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	370824	48.43	ng/ul	0.00
57) Fluorene-d10	15.44	176	1793639	38.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	323838	35.46	ng/ul	0.00
70) Anthracene-d10	17.30	188	2765662	40.22	ng/ul	0.00
78) Pyrene-d10	19.59	212	2948630	39.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	3074541	40.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	96002	11.732	ng/uL	96
4) Benzaldehyde	6.96	77	614049	31.049	ng/ul	98
6) Phenol	7.00	94	892334	36.744	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	696730	37.962	ng/ul	98
10) 2-Chlorophenol	7.37	128	726836	42.064	ng/ul	97
11) 2-Methylphenol	8.25	108	675241	40.910	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	923923	74.029	ng/ul	99
14) Acetophenone	8.64	105	1094594	38.135	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.62	70	598768	36.555	ng/ul	99
16) 4-Methylphenol	8.58	108	740612	41.421	ng/ul	100
17) Hexachloroethane	8.89	117	298585	36.590	ng/ul	97
20) Nitrobenzene	9.02	77	843092	31.915	ng/ul	98
21) Isophorone	9.54	82	1595779	34.911	ng/ul	99
23) 2-Nitrophenol	9.72	139	409005	42.269	ng/ul	98
24) 2,4-Dimethylphenol	9.77	107	846609	38.152	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.02	93	971426	39.287	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	731205	39.730	ng/ul	99
28) Naphthalene	10.66	128	2275677	39.731	ng/ul	100
30) 4-Chloroaniline	10.77	127	929169	46.501	ng/ul	98
31) Hexachlorobutadiene	10.93	225	476951	29.775	ng/ul	100
32) Caprolactam	11.55	113	215502m	41.030	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	757889	40.745	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	1698457	40.955	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	927869	35.113	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	568455	35.952	ng/ul	100
38) 2,4,6-Trichlorophenol	12.87	196	580869	37.620	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	627427	41.129	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	2207799	42.074	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	1699656	40.683	ng/ul	99
42) 2-Nitroaniline	13.53	65	469128	43.842	ng/ul	97
44) Dimethylphthalate	13.91	163	2114616	40.534	ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	428872	47.093	ng/ul	98
47) Acenaphthylene	14.17	152	2602806	41.842	ng/ul	100
48) 3-Nitroaniline	14.36	138	412540	53.918	ng/ul	100
49) Acenaphthene	14.52	153	1796014	41.998	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	211080	37.420	ng/ul	94
52) 4-Nitrophenol	14.66	109	304114	37.991	ng/ul	96
53) Dibenzofuran	14.85	168	2518612	38.892	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	615571	44.173	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	537721	35.024	ng/ul	96
56) Diethylphthalate	15.28	149	2132920	42.271	ng/ul	99
58) Fluorene	15.50	166	2043814	39.396	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	1088726	35.767	ng/ul	97
60) 4-Nitroaniline	15.53	138	465906	55.983	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.58	198	343633	36.167	ng/ul#	97
64) N-Nitrosodiphenylamine	15.71	169	1785715	45.018	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	684042	39.108	ng/ul	99
66) Hexachlorobenzene	16.50	284	768415	37.488	ng/ul	97
67) Atrazine	16.66	200	664122	40.903	ng/ul	99
68) Pentachlorophenol	16.84	266	445175	37.321	ng/ul	100
69) Phenanthrene	17.24	178	3153923	41.290	ng/ul	99
71) Anthracene	17.33	178	3259691	41.952	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.24	216	935525	38.209	ng/uL	99
73) Pentachlorobenzene	14.76	250	879535	36.913	ng/uL	99
74) Carbazole	17.60	167	2830542	42.918	ng/ul	99
75) Di-n-butylphthalate	18.16	149	3624369	50.630	ng/ul	99
76) Fluoranthene	19.25	202	3674518	38.082	ng/ul	99
79) Pyrene	19.62	202	3746980	39.980	ng/ul	100
80) Butylbenzylphthalate	20.52	149	1612648	54.879	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.30	252	1451396	50.714	ng/ul	100
82) Benzo(a)anthracene	21.36	228	3800074	40.435	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	2456157	57.585	ng/ul	99
84) Chrysene	21.41	228	3511124	39.094	ng/ul	99
86) Di-n-octyl phthalate	22.19	149	4170332	50.987	ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	3803367	39.568	ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	3762459	39.850	ng/ul	99
90) Benzo(a)pyrene	23.56	252	3658307	40.441	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.97	276	4427441	42.953	ng/ul	99
92) Dibenzo(a,h)anthracene	25.99	278	3752108	42.567	ng/ul	99
93) Benzo(g,h,i)perylene	26.69	276	3567273	41.809	ng/ul	97

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