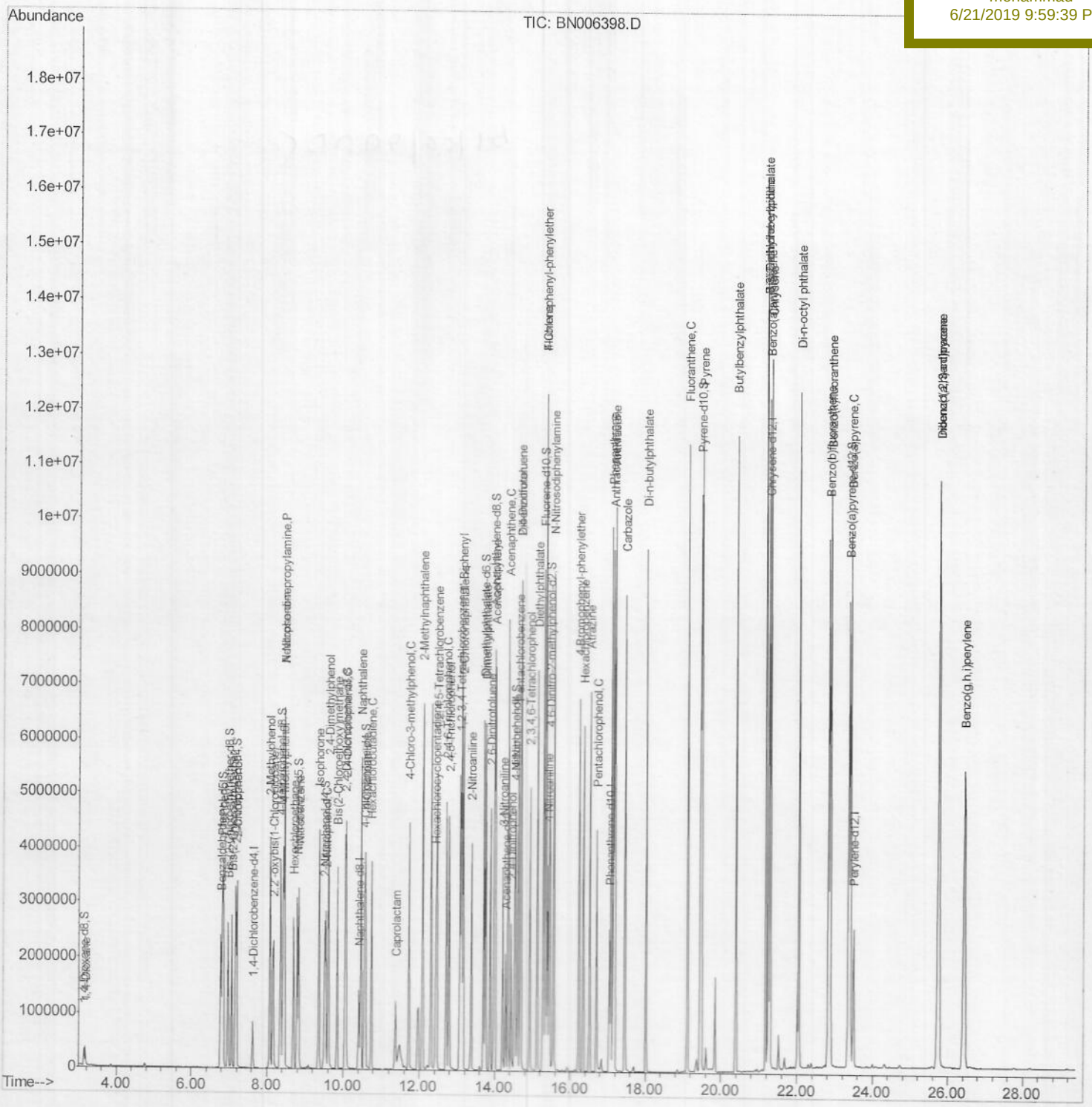
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061919\
Data File : BN006398.D
Acq On : 19 Jun 2019 15:59
Operator : JU/SJ
Sample : SSTD08011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 19 17:04:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 19 15:21:48 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD08011

Manual Integrations APPROVED
mohammad
6/21/2019 9:59:39 PM



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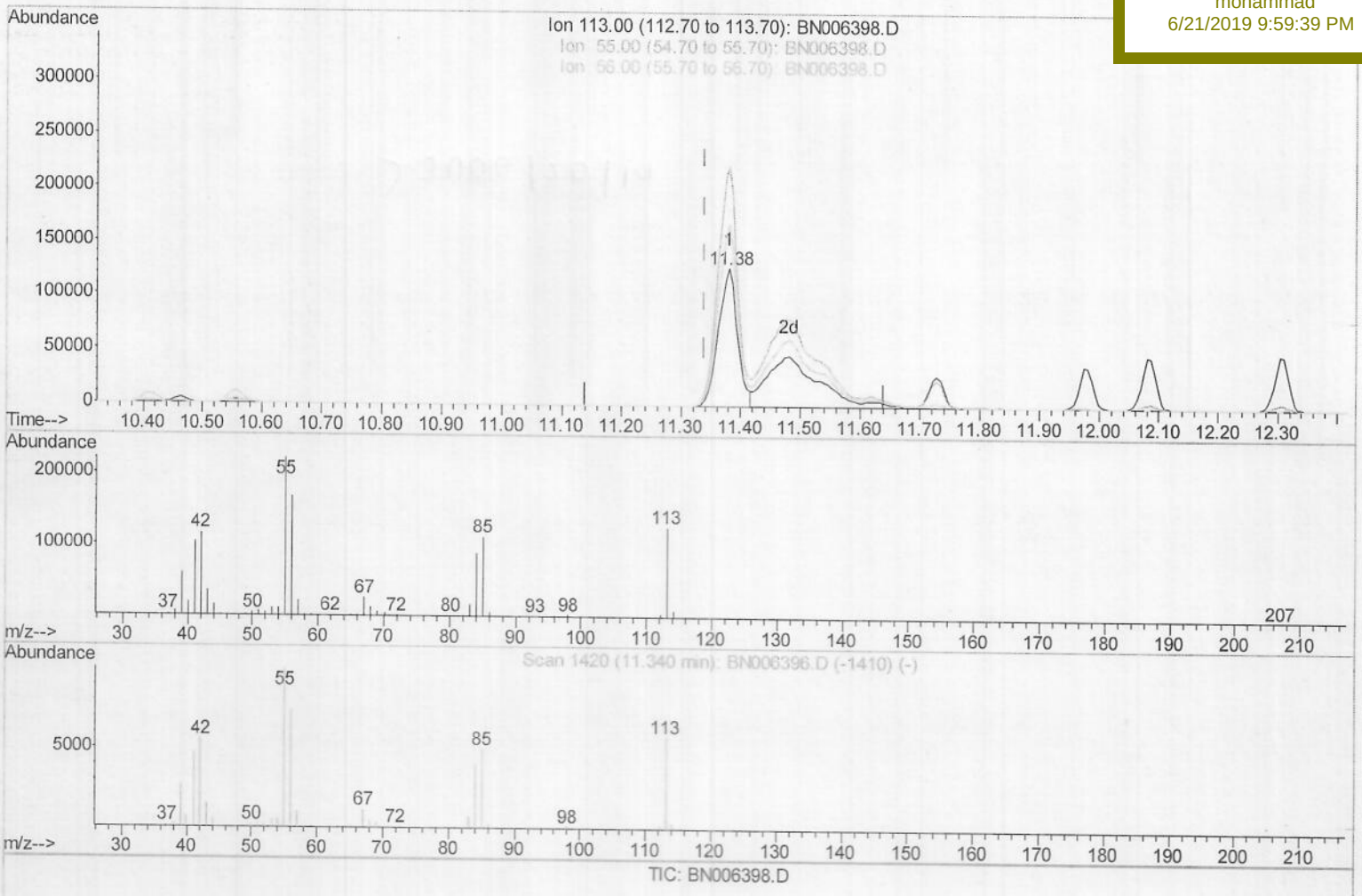

TIC: BN006398.D

(32) Caprolactam

11.381min (+0.041) 54.08ng/ul

response 280986

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	174.85
56.00	128.30	132.57
0.00	0.00	0.00

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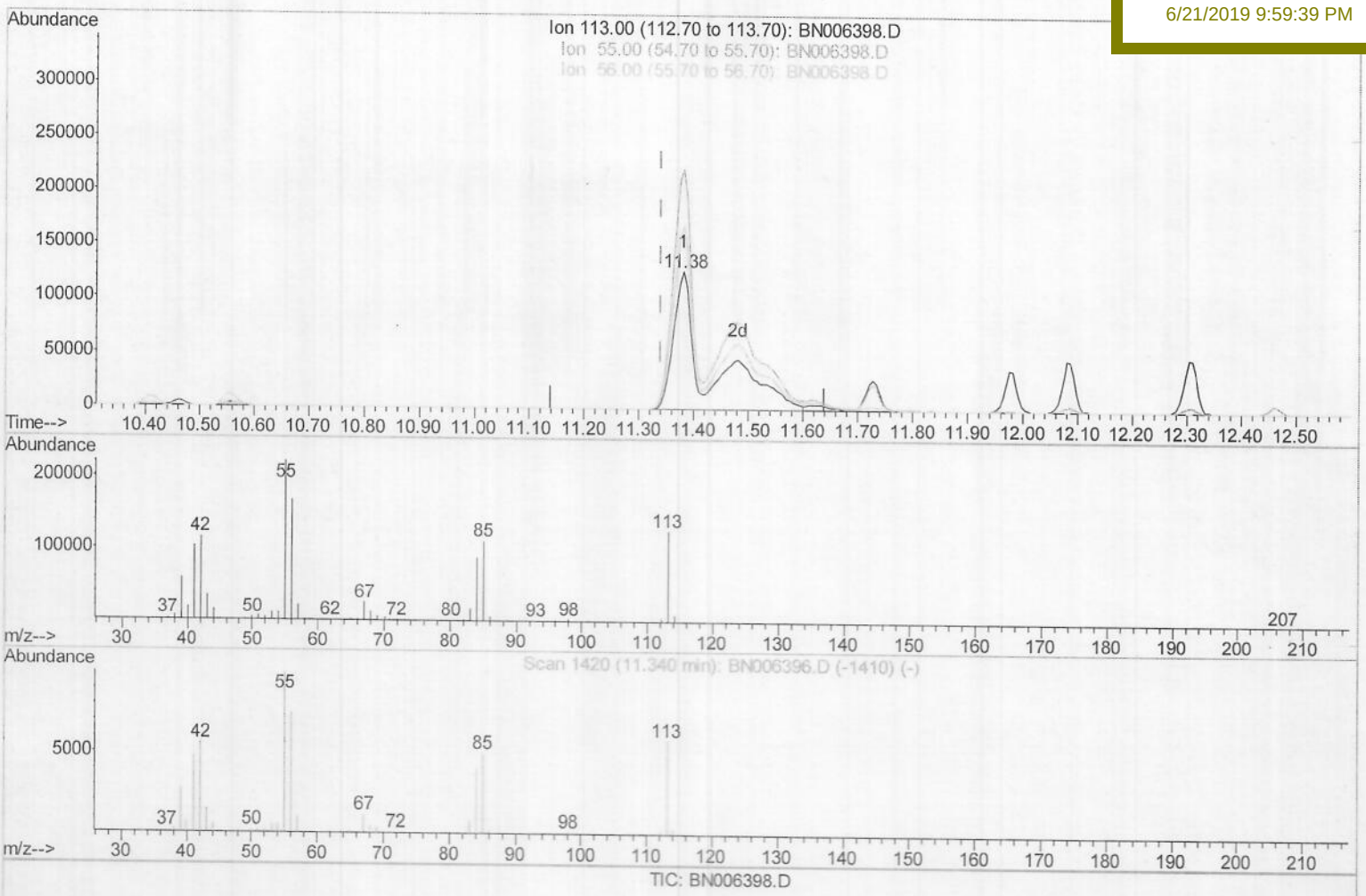

TIC: BN006398.D

(32) Caprolactam

11.381min (+0.041) 105.76ng/ul m) JU06|20|19

response 549479

Ion	Exp%	Act%
113.00	100	100
55.00	171.60	174.85
56.00	128.30	132.57
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	224165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1111129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	678991	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1521509	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1336553	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1642099	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	166710	32.22	ng/uL	0.00
5) Phenol-d5	6.82	99	2011038	112.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	1189929	116.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	1463354	101.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	1574280	113.44	ng/ul	0.01
19) Nitrobenzene-d5	8.79	128	771626	97.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	868242	98.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1529031	96.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1731314	91.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	4419870	91.76	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	5478613	87.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	873845	102.72	ng/ul	0.02
57) Fluorene-d10	15.29	176	3670960	90.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	842595	98.96	ng/ul	0.02
70) Anthracene-d10	17.15	188	5526294	85.12	ng/ul	0.00
78) Pyrene-d10	19.45	212	5952344	92.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	7072160	96.71	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	172430	32.242	ng/uL	94
4) Benzaldehyde	6.78	77	853669	70.225	ng/ul	98
6) Phenol	6.84	94	1916345	104.685	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.06	93	1407001	99.039	ng/ul	99
10) 2-Chlorophenol	7.20	128	1382211	94.068	ng/ul	98
11) 2-Methylphenol	8.08	108	1454131	105.872	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	2203450	116.063	ng/ul	99
14) Acetophenone	8.45	105	2192216	104.420	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	1185250	106.534	ng/ul	96
16) 4-Methylphenol	8.42	108	1568479	106.292	ng/ul	96
17) Hexachloroethane	8.69	117	527469	85.363	ng/ul	100
20) Nitrobenzene	8.83	77	1728065	92.124	ng/ul	97
21) Isophorone	9.36	82	3489357	96.528	ng/ul	99
23) 2-Nitrophenol	9.54	139	841619	90.569	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	1709059	90.579	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	2091032	93.972	ng/ul	100
27) 2,4-Dichlorophenol	10.07	162	1387098	89.497	ng/ul	99
28) Naphthalene	10.46	128	4399321	83.955	ng/ul	99
30) 4-Chloroaniline	10.58	127	1616877	84.897	ng/ul	99
31) Hexachlorobutadiene	10.74	225	755239	76.223	ng/ul	99
32) Caprolactam	11.38	113	549479m	105.764	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	1666581	98.799	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	3215953	88.042	ng/ul	98

JU 06/20/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	1569018	77.195 ng/ul	98
37) Hexachlorocyclopentadiene	12.43	237	834573	71.900 ng/ul	99
38) 2,4,6-Trichlorophenol	12.71	196	1103339	84.837 ng/ul	100
39) 2,4,5-Trichlorophenol	12.79	196	1168979	84.279 ng/ul	98
40) 1,1'-Biphenyl	13.12	154	4011865	78.659 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	3185690	80.787 ng/ul	99
42) 2-Nitroaniline	13.37	65	1170816	102.187 ng/ul	97
44) Dimethylphthalate	13.75	163	4057335	84.924 ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	933424	96.220 ng/ul	97
47) Acenaphthylene	14.01	152	4783765	78.137 ng/ul	99
48) 3-Nitroaniline	14.21	138	915412	96.534 ng/ul	98
49) Acenaphthene	14.35	153	3378731	82.015 ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	535120	104.103 ng/ul	96
52) 4-Nitrophenol	14.55	109	604029	93.657 ng/ul	96
53) Dibenzofuran	14.69	168	4554280	78.342 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	1255992	92.226 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.93	232	998456	87.361 ng/ul	97
56) Diethylphthalate	15.13	149	4094943	85.584 ng/ul	99
58) Fluorene	15.35	166	3541197	77.809 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.34	204	1741528	76.756 ng/ul	99
60) 4-Nitroaniline	15.39	138	1003791	90.393 ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.45	198	814874	92.223 ng/ul	100
64) N-Nitrosodiphenylamine	15.56	169	3337121	78.873 ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	1223616	81.881 ng/ul	95
66) Hexachlorobenzene	16.35	284	1321470	80.520 ng/ul	97
67) Atrazine	16.52	200	1241553	81.793 ng/ul	99
68) Pentachlorophenol	16.70	266	769479	82.449 ng/ul	98
69) Phenanthrene	17.09	178	5973461	80.055 ng/ul	99
71) Anthracene	17.18	178	5982996	78.462 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.07	216	1584321	72.458 ng/uL	97
73) Pentachlorobenzene	14.62	250	1544877	79.115 ng/uL	99
74) Carbazole	17.46	167	5649948	82.947 ng/ul	99
75) Di-n-butylphthalate	18.02	149	6900350	79.642 ng/ul	99
76) Fluoranthene	19.12	202	6826097	81.626 ng/ul	98
79) Pyrene	19.49	202	6705860	81.611 ng/ul	99
80) Butylbenzylphthalate	20.39	149	3367808	87.576 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.19	252	2237841	80.109 ng/ul	98
82) Benzo(a)anthracene	21.25	228	6800881	82.765 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.17	149	4181297	75.307 ng/ul#	97
84) Chrysene	21.30	228	6355251	80.694 ng/ul	99
86) Di-n-octyl phthalate	22.06	149	8150299	82.261 ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	7622630	87.079 ng/ul	99
88) Benzo(k)fluoranthene	22.88	252	6750069	78.772 ng/ul	98
90) Benzo(a)pyrene	23.42	252	7025044	83.011 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.76	276	8230130	79.766 ng/ul	97
92) Dibenzo(a,h)anthracene	25.76	278	6732662	77.374 ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	7024059	80.086 ng/ul	99

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