Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020398.D
Acq On : 18 May 2019 12:24
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 07:19:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02015

Manual Integrations APPROVED
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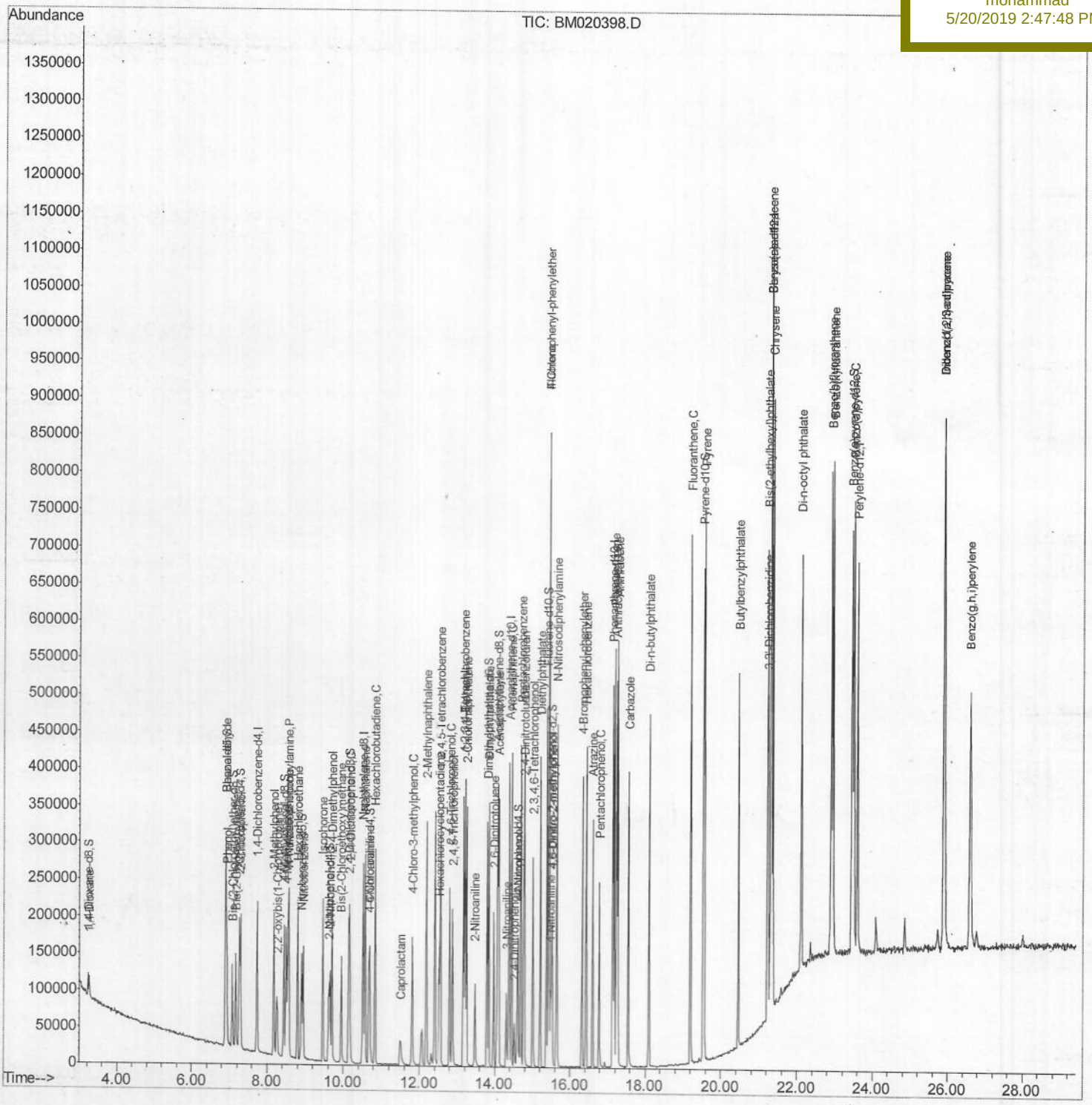

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Quant Time: May 21 07:27:06 2019
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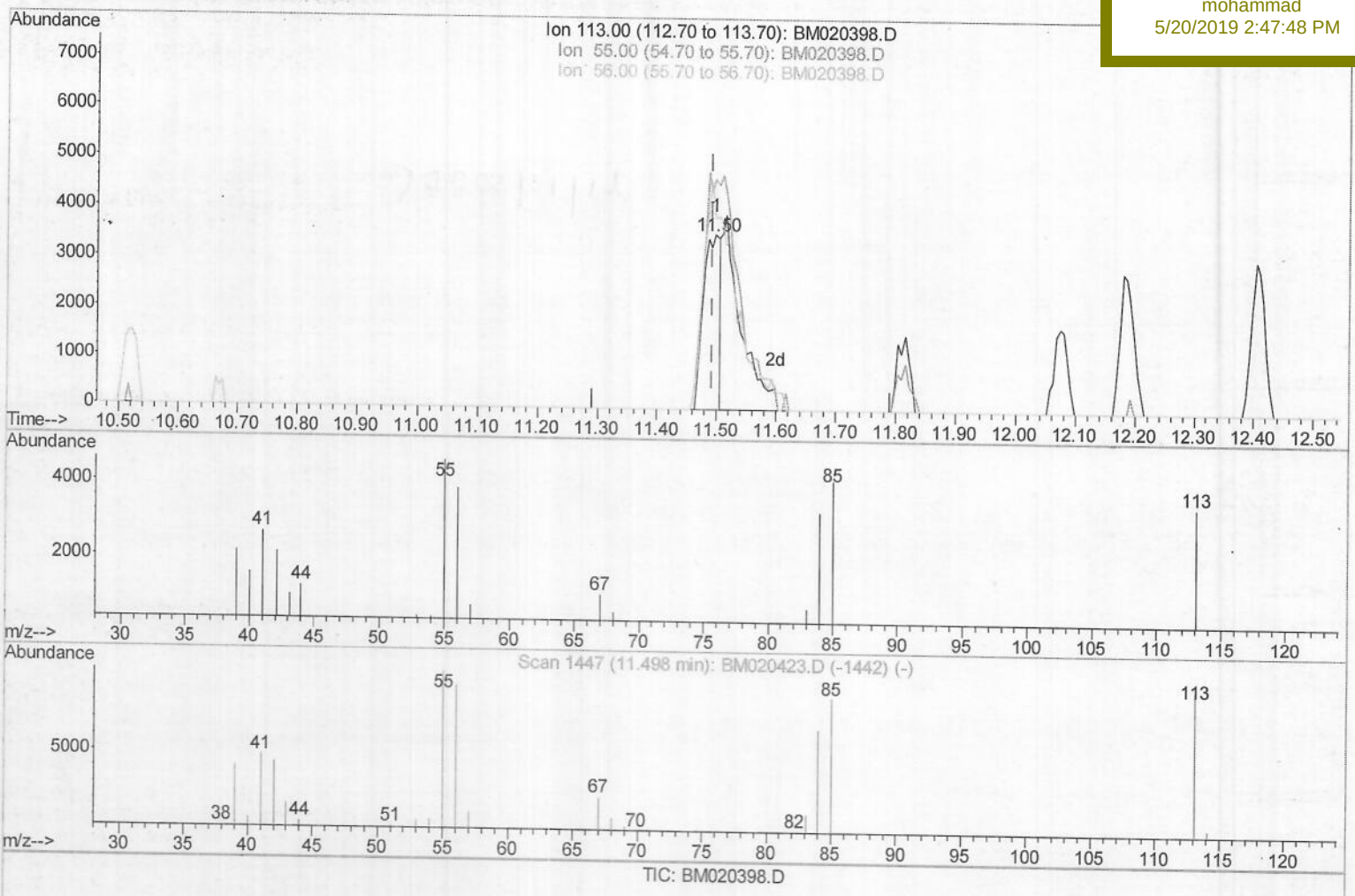

TIC: BM020398.D

(32) Caprolactam

11.498min (+0.006) 7.91ng/ul

response 6805

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	131.63
56.00	110.50	109.50
0.00	0.00	0.00

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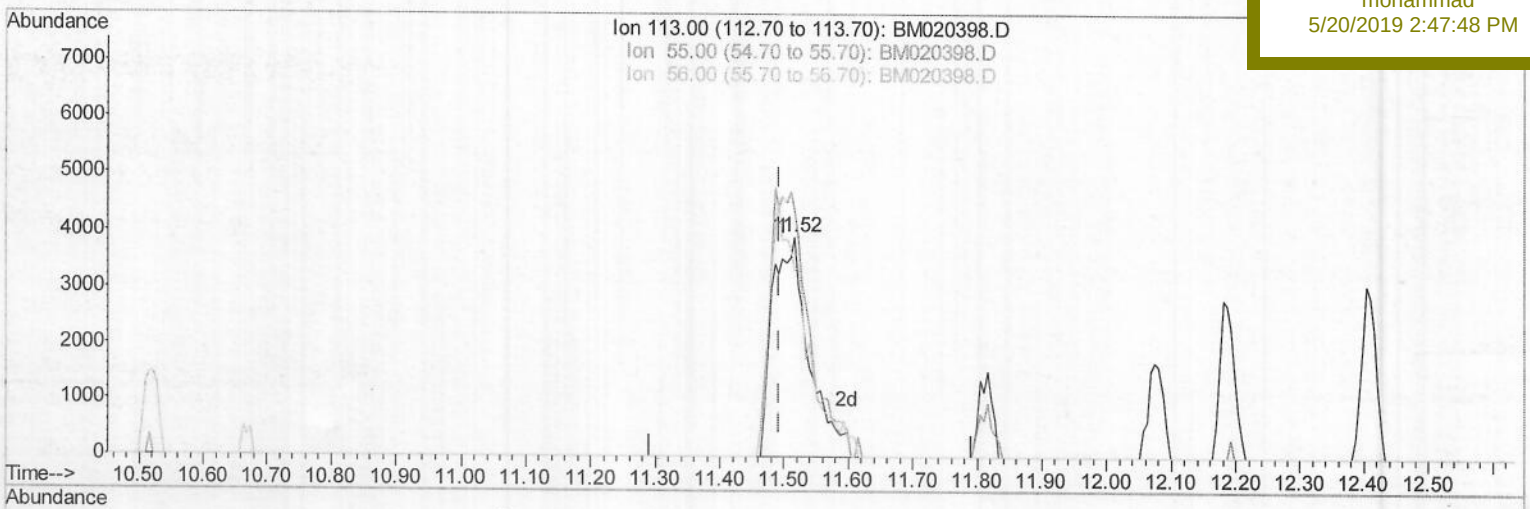

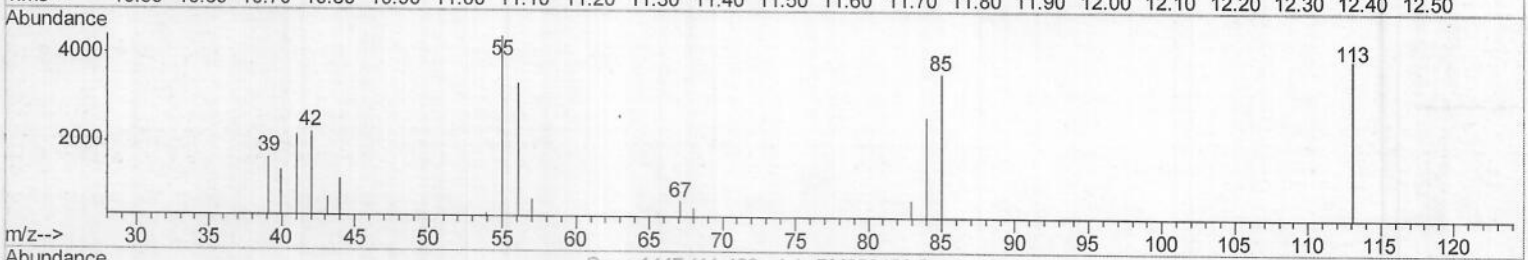

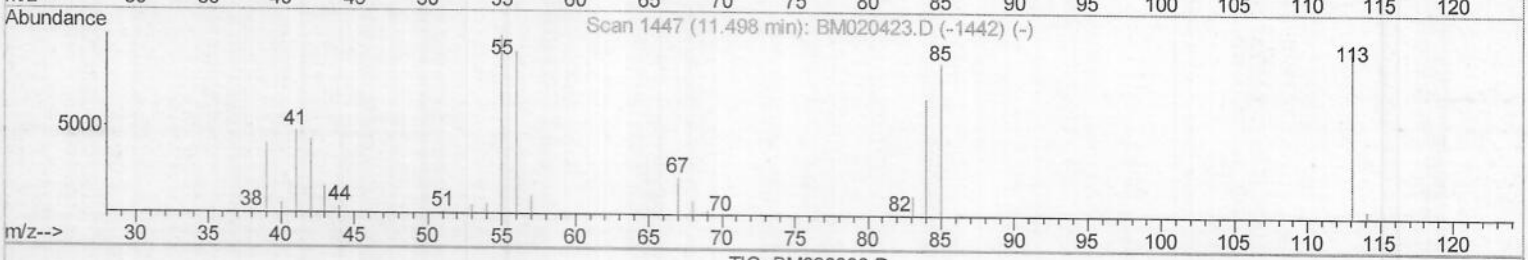

TIC: BM020398.D

(32) Caprolactam

11.516min (+0.023) 17.82ng/ul m) JU 05/21/19

response 15340

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	111.94
56.00	110.50	85.14#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	54466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	204295	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	130715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	321672	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	359838	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	397851	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	13582	9.20	ng/uL	0.00
5) Phenol-d5	6.90	99	89930	20.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	59414	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	70606	22.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	64267	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	29795	22.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	30125	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	70581	22.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	66711	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	208060	22.12	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	260451	22.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	24723	18.10	ng/ul	0.00
57) Fluorene-d10	15.37	176	190350	22.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	31540	17.21	ng/ul	0.00
70) Anthracene-d10	17.23	188	310459	22.50	ng/ul	0.00
78) Pyrene-d10	19.53	212	351713	20.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	401444	22.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	15444	10.028	ng/uL	97
4) Benzaldehyde	6.89	77	74143	19.919	ng/ul	98
6) Phenol	6.92	94	95658	20.928	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	73461	21.267	ng/ul	99
10) 2-Chlorophenol	7.29	128	71661	22.035	ng/ul	97
11) 2-Methylphenol	8.17	108	63103	20.313	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	48188	20.515	ng/ul	98
14) Acetophenone	8.56	105	113429	20.997	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	62344	20.222	ng/ul	98
16) 4-Methylphenol	8.50	108	69359	20.610	ng/ul	99
17) Hexachloroethane	8.79	117	35031	22.809	ng/ul	97
20) Nitrobenzene	8.94	77	99233	22.923	ng/ul	97
21) Isophorone	9.46	82	167159	22.316	ng/ul	99
23) 2-Nitrophenol	9.65	139	33643	21.217	ng/ul	92
24) 2,4-Dimethylphenol	9.69	107	80527	22.145	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	87635	21.628	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	71323	23.648	ng/ul	97
28) Naphthalene	10.57	128	210709	22.449	ng/ul	98
30) 4-Chloroaniline	10.69	127	70251	21.454	ng/ul	98
31) Hexachlorobutadiene	10.83	225	62935	23.975	ng/ul	96
32) Caprolactam	11.52	113	15340m	17.823	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	67806	22.245	ng/ul	94
34) 2-Methylnaphthalene	12.19	142	148022	21.781	ng/ul	95

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5/20/2019 2:47:48 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	109261	23.186 ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	48868	17.331 ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	60467	21.960 ng/ul	96
39) 2,4,5-Trichlorophenol	12.87	196	61362	22.555 ng/ul	97
40) 1,1'-Biphenyl	13.21	154	203500	21.746 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	166244	22.314 ng/ul	99
42) 2-Nitroaniline	13.47	65	36233	18.988 ng/ul	98
44) Dimethylphthalate	13.84	163	205840	22.125 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	33608	20.694 ng/ul	92
47) Acenaphthylene	14.10	152	241202	21.743 ng/ul	99
48) 3-Nitroaniline	14.31	138	24236	17.762 ng/ul	99
49) Acenaphthene	14.44	153	167042	21.903 ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	13798	13.716 ng/ul	92
52) 4-Nitrophenol	14.61	109	26337	18.449 ng/ul	92
53) Dibenzofuran	14.78	168	263762	22.839 ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	54140	21.785 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.01	232	61258	22.374 ng/ul#	95
56) Diethylphthalate	15.20	149	199656	22.188 ng/ul	98
58) Fluorene	15.43	166	207251	22.401 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	126641	23.330 ng/ul	98
60) 4-Nitroaniline	15.47	138	27281	18.382 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	32190	16.885 ng/ul	97
64) N-Nitrosodiphenylamine	15.64	169	175473	22.046 ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	77991	22.222 ng/ul	94
66) Hexachlorobenzene	16.42	284	93941	22.840 ng/ul	97
67) Atrazine	16.60	200	64418	19.773 ng/ul	98
68) Pentachlorophenol	16.77	266	48817	20.396 ng/ul	98
69) Phenanthrene	17.17	178	342432	22.342 ng/ul	100
71) Anthracene	17.26	178	348046	22.324 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	111026	22.599 ng/uL	97
73) Pentachlorobenzene	14.69	250	109741	22.953 ng/uL	95
74) Carbazole	17.54	167	279069	21.088 ng/ul	100
75) Di-n-butylphthalate	18.09	149	304708	21.214 ng/ul	99
76) Fluoranthene	19.19	202	426124	22.010 ng/ul	100
79) Pyrene	19.56	202	447767	20.732 ng/ul	99
80) Butylbenzylphthalate	20.46	149	121321	17.915 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	125883	19.087 ng/ul	92
82) Benzo(a)anthracene	21.31	228	475726	21.965 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	184905	18.812 ng/ul	100
84) Chrysene	21.36	228	463947	22.416 ng/ul	99
86) Di-n-octyl phthalate	22.12	149	337932	17.490 ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	492558	21.692 ng/ul	99
88) Benzo(k)fluoranthene	22.95	252	497794	22.320 ng/ul	99
90) Benzo(a)pyrene	23.49	252	478437	22.390 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	582118	23.907 ng/ul	99
92) Dibenzo(a,h)anthracene	25.90	278	498431	23.938 ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	472239	23.430 ng/ul	99

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