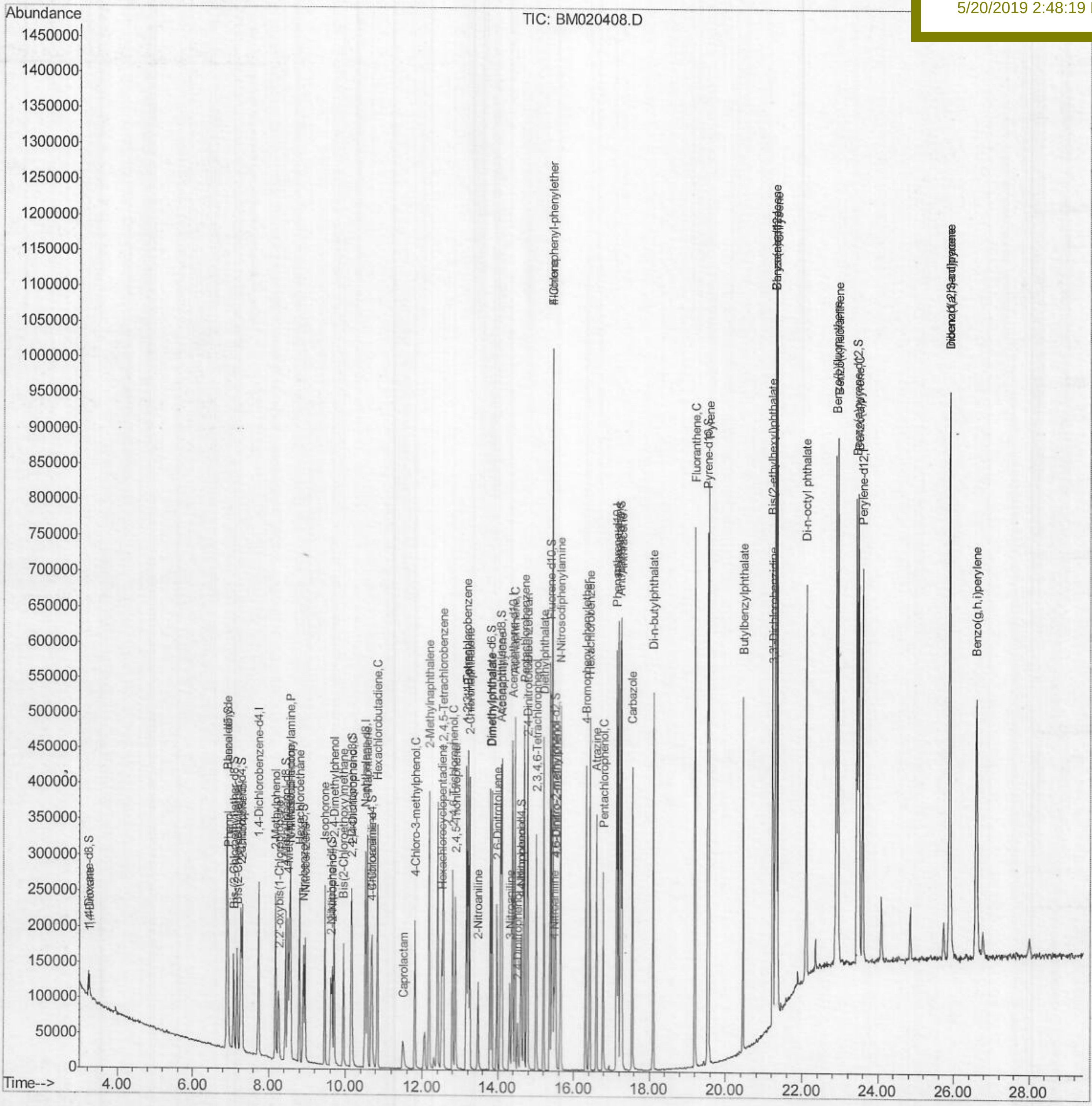
Quantitation Report (QT Reviewed)

```
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
Data File : BM020408.D
Acq On    : 18 May 2019  20:51
Operator  : JU/SJ
Sample    : SSTDCCC020
Misc      :
ALS Vial  : 2   Sample Multiplier: 1

Quant Time: May 20 08:43:28 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 :
SSTD02016

Manual Integrations APPROVED
mohammad
5/20/2019 2:48:19 PM



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Misc :
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Quant Time: May 20 07:13:52 2019
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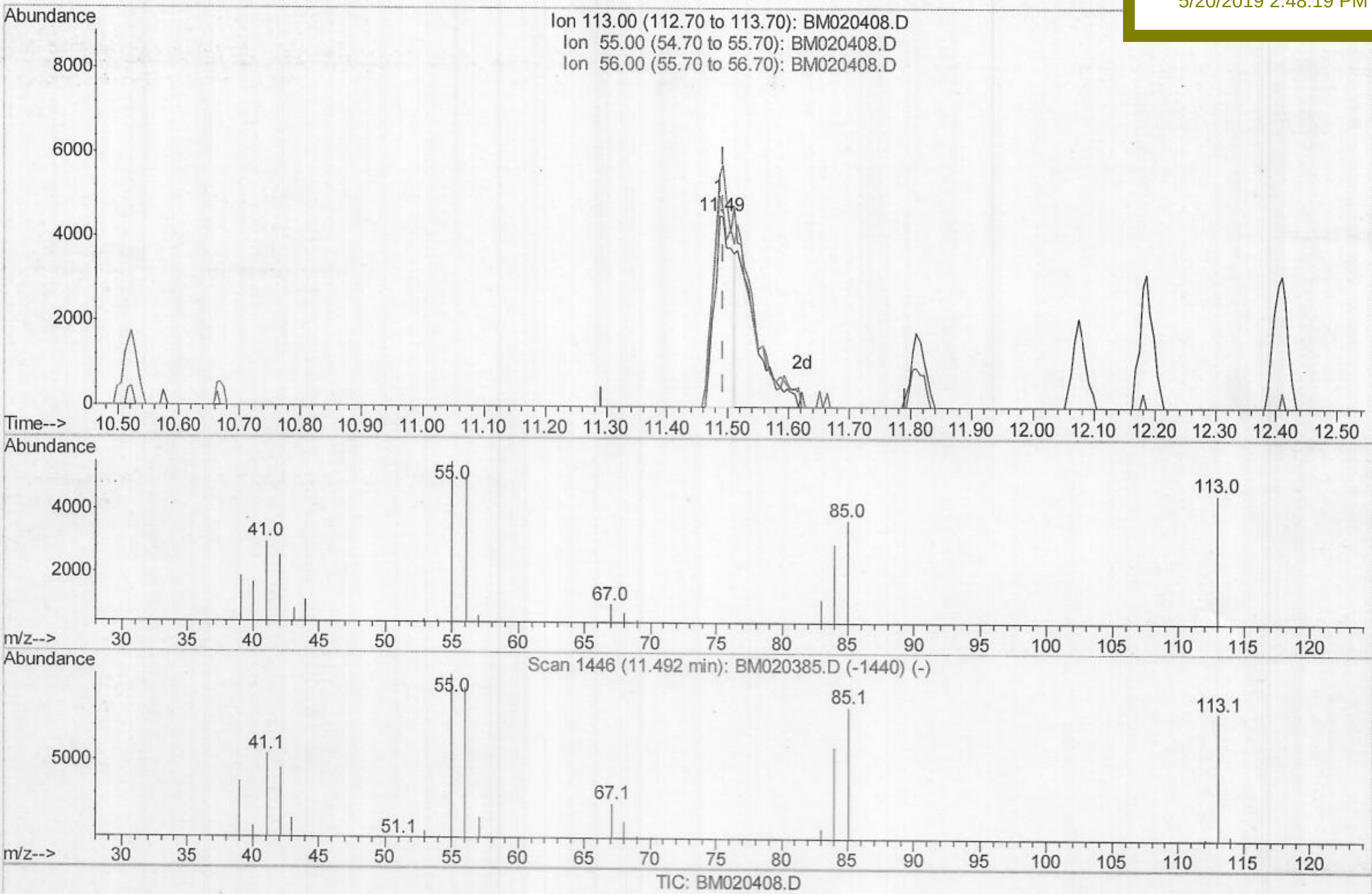

TIC: BM020408.D

(32) Caprolactam

11.486min (-0.006) 9.01ng/ul

response 9139

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	121.41
56.00	110.50	110.30
0.00	0.00	0.00

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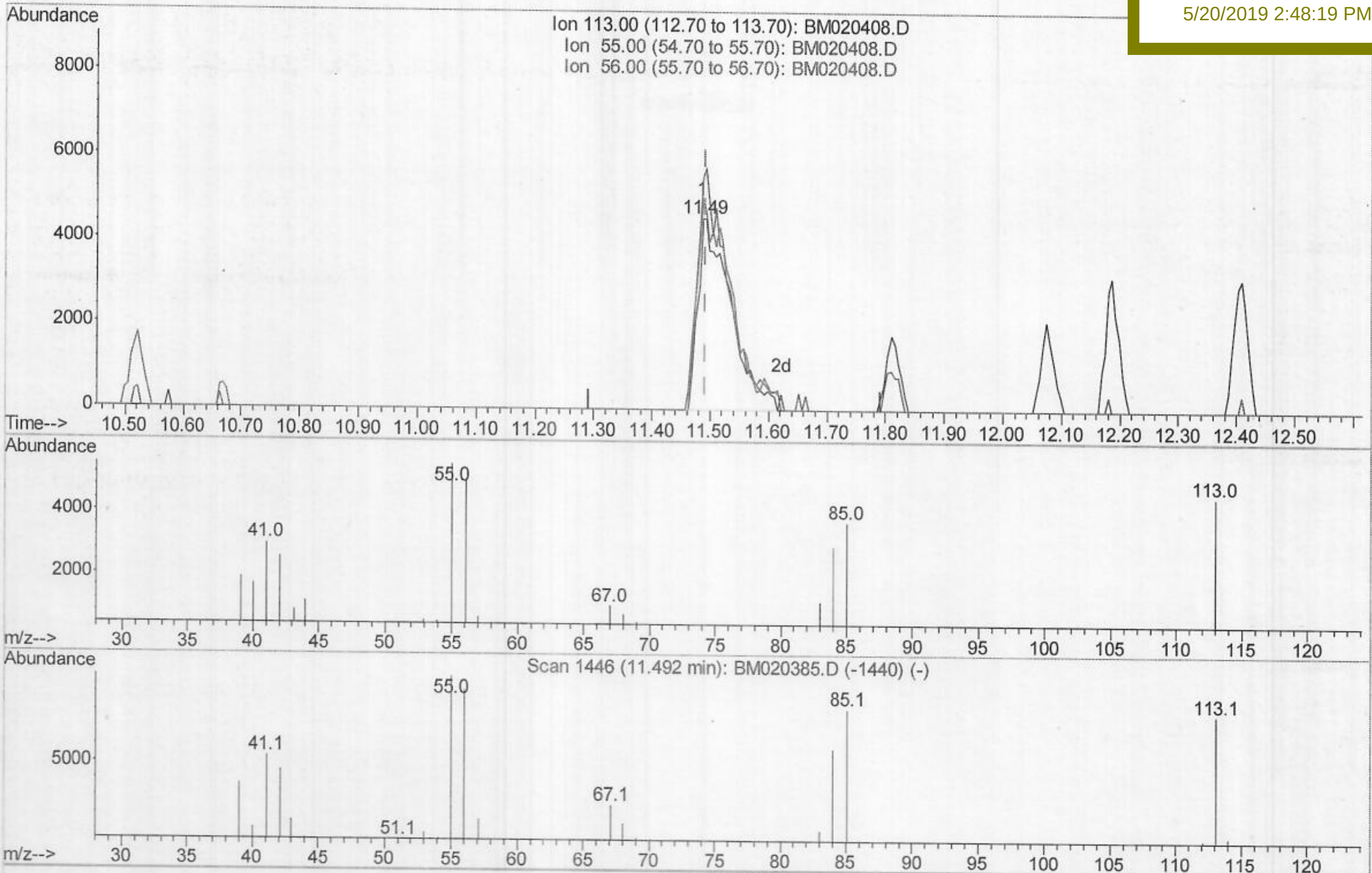

TIC: BM020408.D

(32) Caprolactam

11.486min (-0.006) 17.49ng/ul m> JU 05/21/19

response 17740

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	121.41
56.00	110.50	110.30
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	65374	20.00 ng/ul	0.00
18) Naphthalene-d8	10.52	136	240702	20.00 ng/ul	0.00
35) Acenaphthene-d10	14.38	164	149974	20.00 ng/ul	0.00
61) Phenanthrene-d10	17.13	188	359476	20.00 ng/ul	0.00
77) Chrysene-d12	21.32	240	389687	20.00 ng/ul	0.00
85) Perylene-d12	23.59	264	425448	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.22	96	16568	9.35 ng/uL	0.00
5) Phenol-d5	6.89	99	105665	20.26 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	67774	20.44 ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	80049	20.93 ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	74473	19.61 ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	34662	22.13 ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	34485	19.96 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	83295	22.81 ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	77185	20.46 ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	238746	22.13 ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	298946	22.15 ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	27582	17.60 ng/ul	0.00
57) Fluorene-d10	15.37	176	214981	22.40 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	34163	16.68 ng/ul	0.00
70) Anthracene-d10	17.23	188	337615	21.90 ng/ul	0.00
78) Pyrene-d10	19.53	212	391439	20.85 ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	432942	22.39 ng/ul	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.26	88	17759	9.607 ng/uL	93
4) Benzaldehyde	6.89	77	86842	19.438 ng/ul	95
6) Phenol	6.92	94	112092	20.432 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	83331	20.099 ng/ul	98
10) 2-Chlorophenol	7.29	128	83683	21.438 ng/ul	97
11) 2-Methylphenol	8.17	108	74802	20.061 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	56400	20.004 ng/ul	97
14) Acetophenone	8.56	105	130725	20.161 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	73205	19.783 ng/ul	99
16) 4-Methylphenol	8.50	108	80812	20.007 ng/ul	93
17) Hexachloroethane	8.79	117	40975	22.228 ng/ul	99
20) Nitrobenzene	8.94	77	115889	22.721 ng/ul	96
21) Isophorone	9.46	82	190145	21.545 ng/ul	100
23) 2-Nitrophenol	9.65	139	38895	20.819 ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	94124	21.969 ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.94	93	104077	21.800 ng/ul#	96
27) 2,4-Dichlorophenol	10.17	162	82149	23.118 ng/ul	98
28) Naphthalene	10.57	128	246559	22.295 ng/ul	99
30) 4-Chloroaniline	10.69	127	81427	21.106 ng/ul	99
31) Hexachlorobutadiene	10.83	225	74650	24.136 ng/ul	95
32) Caprolactam	11.49	113	17740m	17.494 ng/ul	) JJU 05/21/19
33) 4-Chloro-3-methylphenol	11.81	107	75884	21.129 ng/ul	97
34) 2-Methylnaphthalene	12.19	142	175066	21.864 ng/ul	98

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5/20/2019 2:48:19 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	127217	23.529 ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	55382	17.119 ng/ul	98
38) 2,4,6-Trichlorophenol	12.80	196	67158	21.258 ng/ul	97
39) 2,4,5-Trichlorophenol	12.87	196	68461	21.933 ng/ul	99
40) 1,1'-Biphenyl	13.21	154	237539	22.124 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	195277	22.845 ng/ul	98
42) 2-Nitroaniline	13.47	65	40051	18.293 ng/ul	96
44) Dimethylphthalate	13.84	163	234571	21.975 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	37055	19.886 ng/ul	95
47) Acenaphthylene	14.10	152	282641	22.207 ng/ul	100
48) 3-Nitroaniline	14.30	138	27645	17.659 ng/ul	97
49) Acenaphthene	14.44	153	192912	22.047 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	16684	14.455 ng/ul	99
52) 4-Nitrophenol	14.60	109	29173	17.812 ng/ul	93
53) Dibenzofuran	14.78	168	302413	22.823 ng/ul	95
54) 2,4-Dinitrotoluene	14.76	165	62479	21.912 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.00	232	69305	22.063 ng/ul	98
56) Diethylphthalate	15.20	149	222562	21.557 ng/ul	99
58) Fluorene	15.43	166	233874	22.033 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	145041	23.288 ng/ul	98
60) 4-Nitroaniline	15.47	138	27509	16.155 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.52	198	36522	17.143 ng/ul#	96
64) N-Nitrosodiphenylamine	15.64	169	196088	22.045 ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	89304	22.769 ng/ul	98
66) Hexachlorobenzene	16.42	284	106274	23.121 ng/ul	98
67) Atrazine	16.60	200	70104	19.255 ng/ul	98
68) Pentachlorophenol	16.77	266	53116	19.858 ng/ul	96
69) Phenanthrene	17.17	178	383052	22.364 ng/ul	99
71) Anthracene	17.26	178	388637	22.306 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	129528	23.592 ng/uL	97
73) Pentachlorobenzene	14.69	250	126860	23.743 ng/uL	98
74) Carbazole	17.54	167	306111	20.699 ng/ul	99
75) Di-n-butylphthalate	18.09	149	328090	20.439 ng/ul	99
76) Fluoranthene	19.19	202	473840	21.900 ng/ul	98
79) Pyrene	19.56	202	492266	21.046 ng/ul	99
80) Butylbenzylphthalate	20.46	149	117058	15.962 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.24	252	127737	17.884 ng/ul	95
82) Benzo(a)anthracene	21.30	228	524222	22.351 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	185969	17.471 ng/ul	100
84) Chrysene	21.36	228	499182	22.271 ng/ul	99
86) Di-n-octyl phthalate	22.11	149	329957	15.970 ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	523842	21.574 ng/ul	98
88) Benzo(k)fluoranthene	22.94	252	539367	22.615 ng/ul	99
90) Benzo(a)pyrene	23.49	252	522576	22.869 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.89	276	618267	23.745 ng/ul	99
92) Dibenzo(a,h)anthracene	25.90	278	532764	23.927 ng/ul	98
93) Benzo(g,h,i)perylene	26.59	276	509134	23.622 ng/ul	98

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