Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051619\

Quantitation Report (QT Reviewed)

Data File : BM020348.D
Acq On : 16 May 2019 19:26
Operator : JU/SJ
Sample : SSTD01006
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 17 04:44:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 17 04:13:28 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01006

Manual Integrations APPROVED
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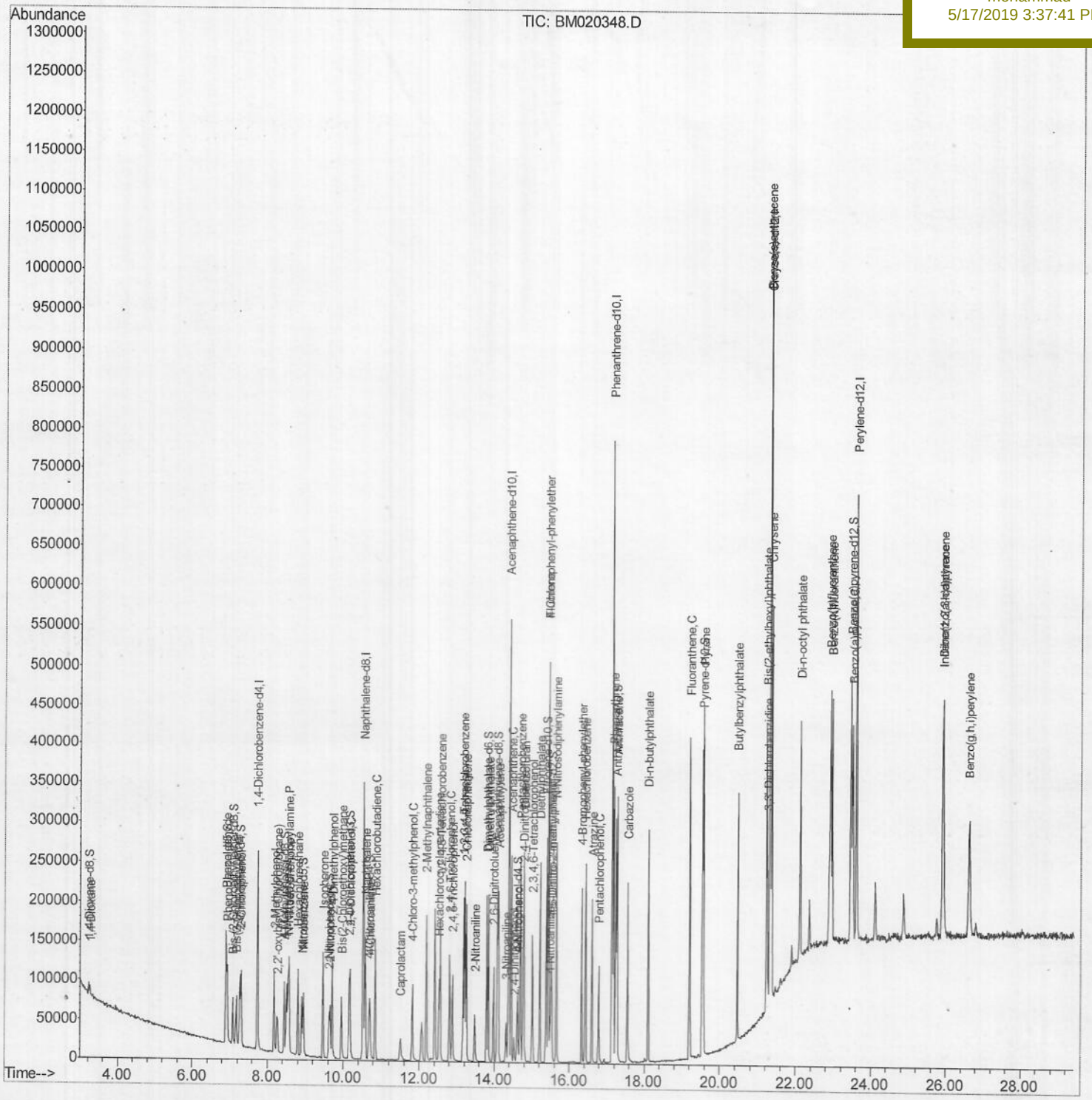
5/17/2019 3:37:41 PM



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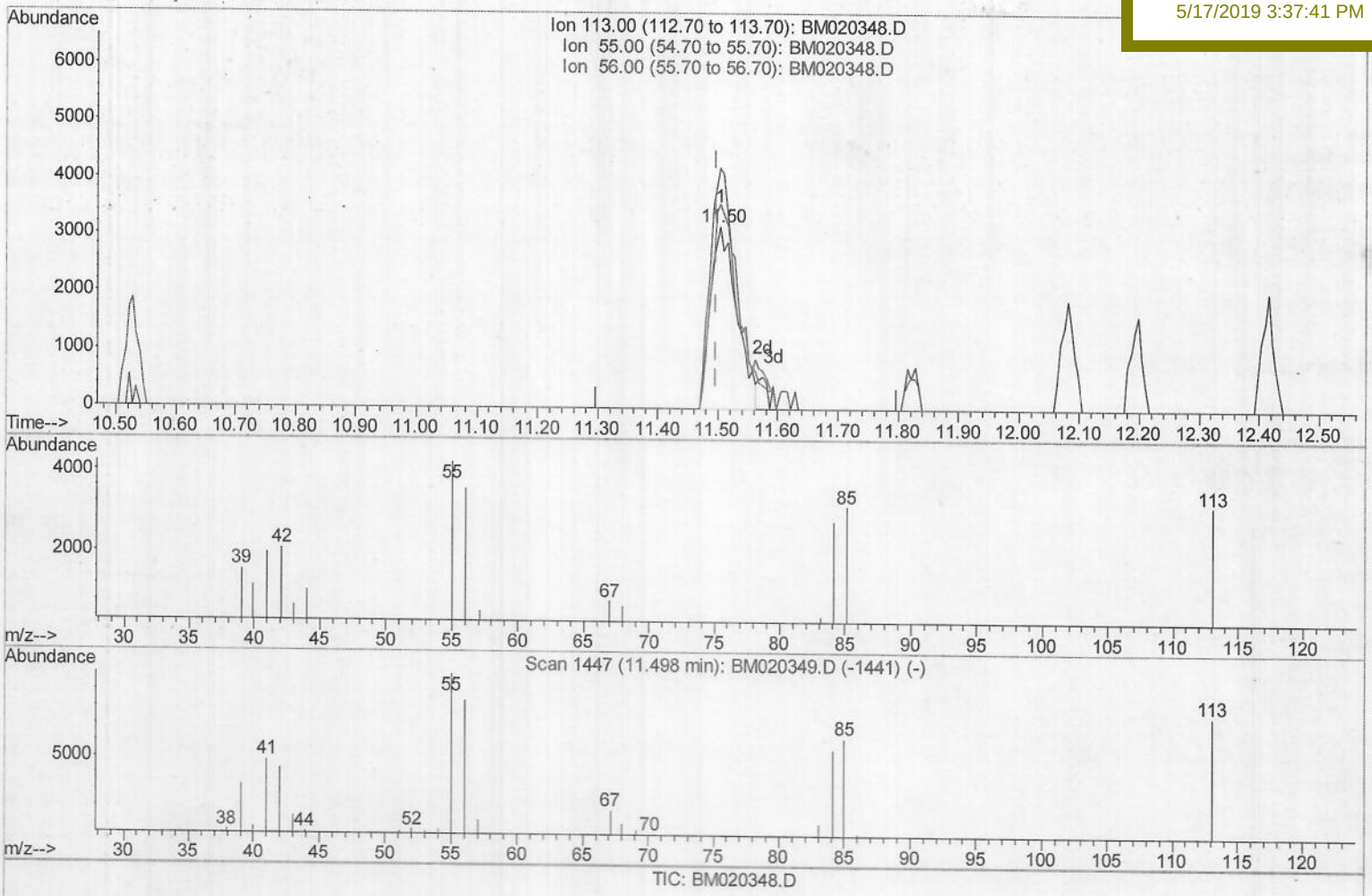

TIC: BM020348.D

(32) Caprolactam

11.504min (+0.006) 8.13ng/ul

response 9528

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	132.92
56.00	110.50	112.11
0.00	0.00	0.00

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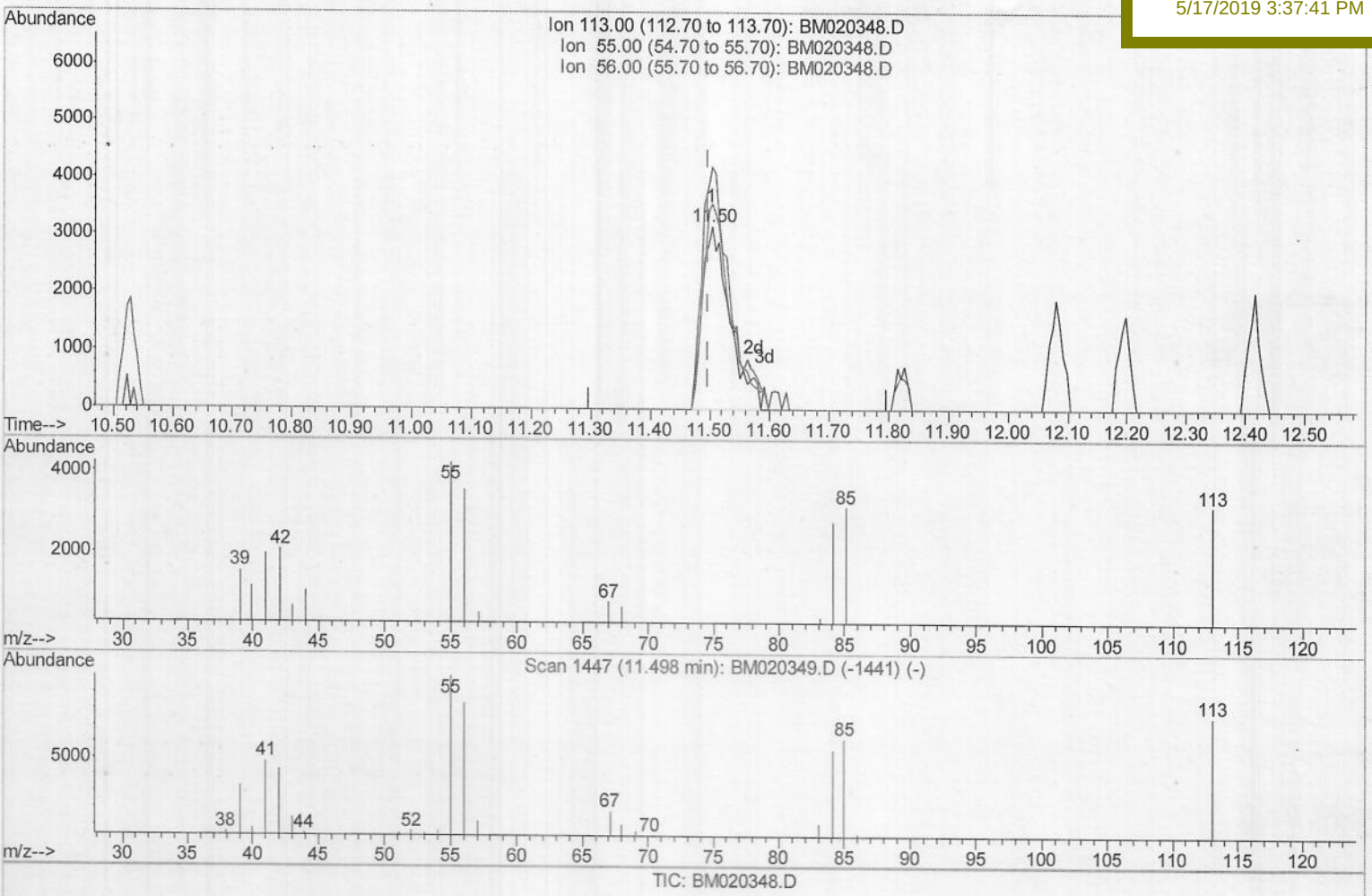

TIC: BM020348.D

(32) Caprolactam

11.504min (+0.006) 8.59ng/ul m JU 05/21/19

response 10068

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	132.92
56.00	110.50	112.11
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	66168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	268951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	181681	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	462398	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	449238	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	436241	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	7195	4.19	ng/uL	0.00
5) Phenol-d5	6.90	99	48931	9.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	31706	9.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	37230	9.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	35435	9.07	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	16544	9.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	17229	9.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	38109	9.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	35252	8.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	128360	9.79	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	156717	9.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	13494	7.10	ng/ul	0.00
57) Fluorene-d10	15.38	176	113474	9.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	18389	7.06	ng/ul	0.00
70) Anthracene-d10	17.23	188	185825	9.53	ng/ul	0.00
78) Pyrene-d10	19.53	212	218867	10.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	190283	9.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	7314	3.868	ng/uL#	95
4) Benzaldehyde	6.89	77	41416	10.465	ng/ul	90
6) Phenol	6.93	94	52181	9.260	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	39271	9.410	ng/ul	97
10) 2-Chlorophenol	7.30	128	38359	9.720	ng/ul	95
11) 2-Methylphenol	8.18	108	34892	9.081	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	28767	9.969	ng/ul	97
14) Acetophenone	8.56	105	63794	9.626	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.54	70	37377	10.017	ng/ul	96
16) 4-Methylphenol	8.50	108	37791	9.047	ng/ul	89
17) Hexachloroethane	8.80	117	19187	10.428	ng/ul	91
20) Nitrobenzene	8.95	77	54396	9.566	ng/ul	96
21) Isophorone	9.46	82	98259	9.832	ng/ul	99
23) 2-Nitrophenol	9.65	139	18911	9.304	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	47136	9.998	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.95	93	51775	9.956	ng/ul#	95
27) 2,4-Dichlorophenol	10.17	162	38878	10.063	ng/ul	96
28) Naphthalene	10.58	128	122183	9.906	ng/ul	100
30) 4-Chloroaniline	10.70	127	36029	8.390	ng/ul	96
31) Hexachlorobutadiene	10.84	225	33881	10.346	ng/ul	98
32) Caprolactam	11.50	113	10068m	8.592	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	37997	9.342	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	88649	10.073	ng/ul	97

JJV 05/21/19

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5/17/2019 3:37:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	62316	10.002	ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	29270	8.002	ng/ul	94
38) 2,4,6-Trichlorophenol	12.81	196	34713	9.456	ng/ul	97
39) 2,4,5-Trichlorophenol	12.88	196	35047	9.100	ng/ul	93
40) 1,1'-Biphenyl	13.22	154	124910	9.772	ng/ul	100
41) 2-Chloronaphthalene	13.26	162	97374	9.506	ng/ul	98
42) 2-Nitroaniline	13.48	65	22201	8.418	ng/ul	98
44) Dimethylphthalate	13.85	163	127582	9.744	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	20491	9.174	ng/ul	95
47) Acenaphthylene	14.11	152	149960	9.690	ng/ul	99
48) 3-Nitroaniline	14.32	138	14172	7.246	ng/ul#	98
49) Acenaphthene	14.45	153	102466	9.720	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	8247	6.063	ng/ul#	83
52) 4-Nitrophenol	14.62	109	14977	7.667	ng/ul	97
53) Dibenzofuran	14.79	168	159512	9.917	ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	32759	9.388	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.02	232	36845	9.998	ng/ul	98
56) Diethylphthalate	15.21	149	124333	9.886	ng/ul	98
58) Fluorene	15.44	166	127028	9.806	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.43	204	74143	10.044	ng/ul	98
60) 4-Nitroaniline	15.48	138	14944	6.817	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.53	198	20410	7.660	ng/ul#	96
64) N-Nitrosodiphenylamine	15.65	169	110206	9.723	ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	47938	9.884	ng/ul	97
66) Hexachlorobenzene	16.43	284	57144	9.983	ng/ul	98
67) Atrazine	16.60	200	40908	8.788	ng/ul	95
68) Pentachlorophenol	16.78	266	27297	8.168	ng/ul	91
69) Phenanthrene	17.18	178	213699	9.687	ng/ul	100
71) Anthracene	17.27	178	218804	9.702	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	63317	9.462	ng/uL	94
73) Pentachlorobenzene	14.70	250	64654	9.803	ng/uL	99
74) Carbazole	17.55	167	171980	8.903	ng/ul	98
75) Di-n-butylphthalate	18.10	149	193584	9.307	ng/ul	100
76) Fluoranthene	19.20	202	255504	8.992	ng/ul	100
79) Pyrene	19.56	202	271626	10.577	ng/ul	98
80) Butylbenzylphthalate	20.46	149	76944	9.137	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.26	252	67038	7.869	ng/ul	93
82) Benzo(a)anthracene	21.32	228	264201	9.820	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	109548	8.838	ng/ul	100
84) Chrysene	21.37	228	249850	9.715	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	174935	8.464	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	240584	9.839	ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	235977	9.830	ng/ul	98
90) Benzo(a)pyrene	23.50	252	221734	9.515	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	244580	9.012	ng/ul	99
92) Dibenzo(a,h)anthracene	25.92	278	210953	9.103	ng/ul	96
93) Benzo(g,h,i)perylene	26.61	276	200956	8.841	ng/ul	98

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