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

Quantitation Report (QT Reviewed)

Data File : BM020351.D
Acq On : 16 May 2019 21:15
Operator : JU/SJ
Sample : SSTD08009
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 17 04:50:29 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 :
SSTD08009

Manual Integrations APPROVED
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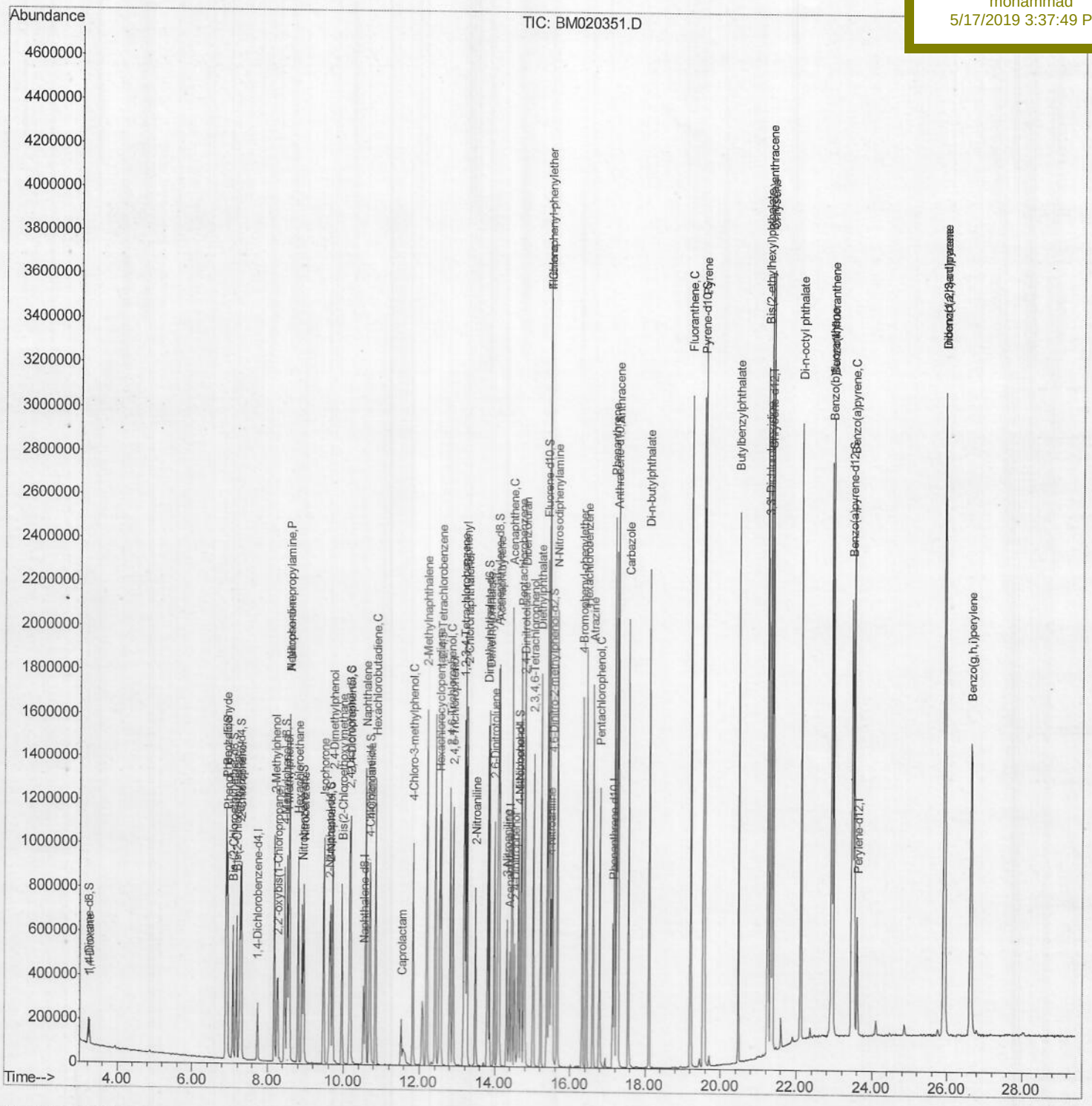
5/17/2019 3:37:49 PM



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Quant Time: May 17 04:19:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
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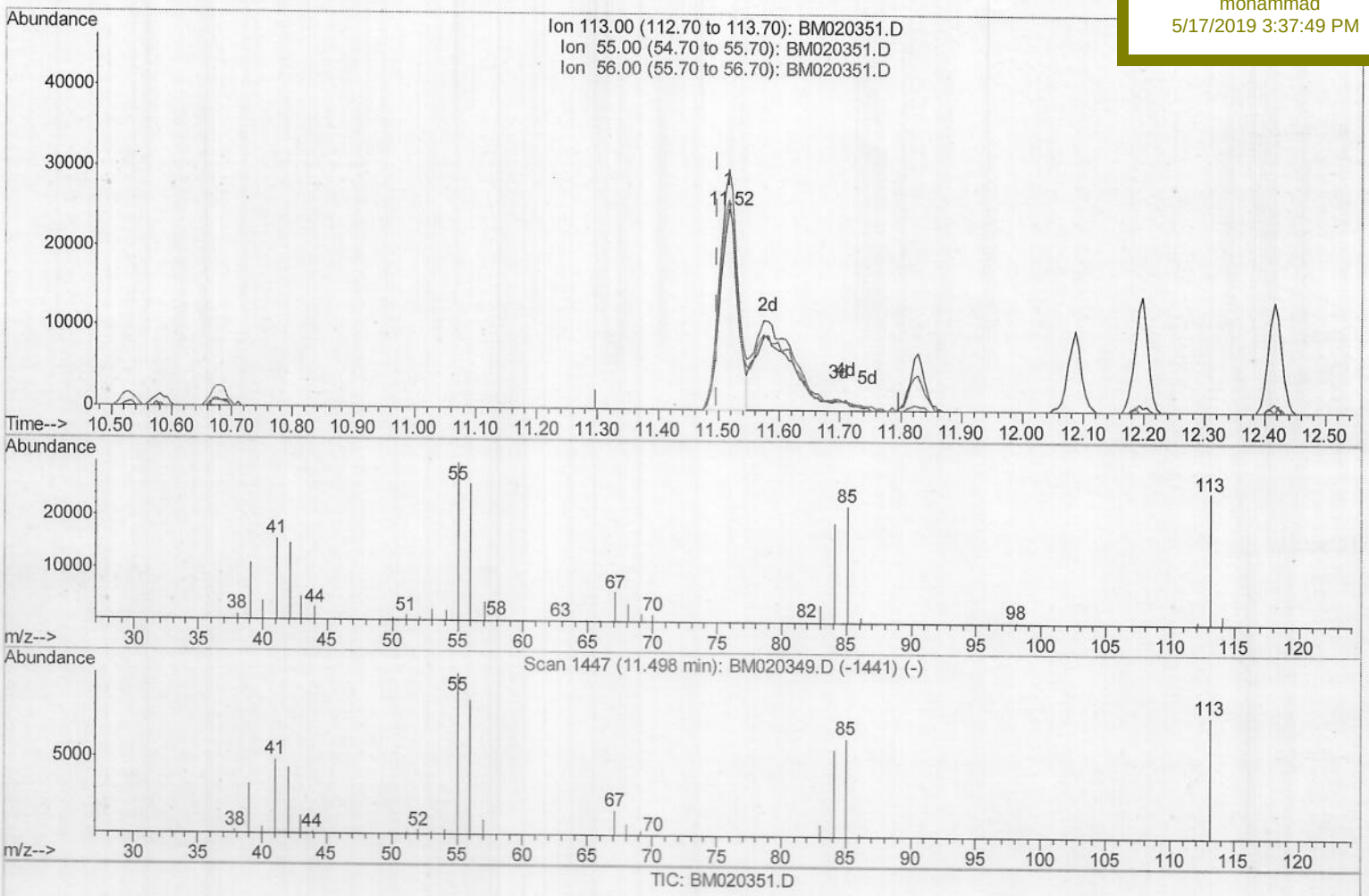

(32) Caprolactam

11.516min (+0.018) 42.24ng/ul

response 49911

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	119.83
56.00	110.50	104.72
0.00	0.00	0.00

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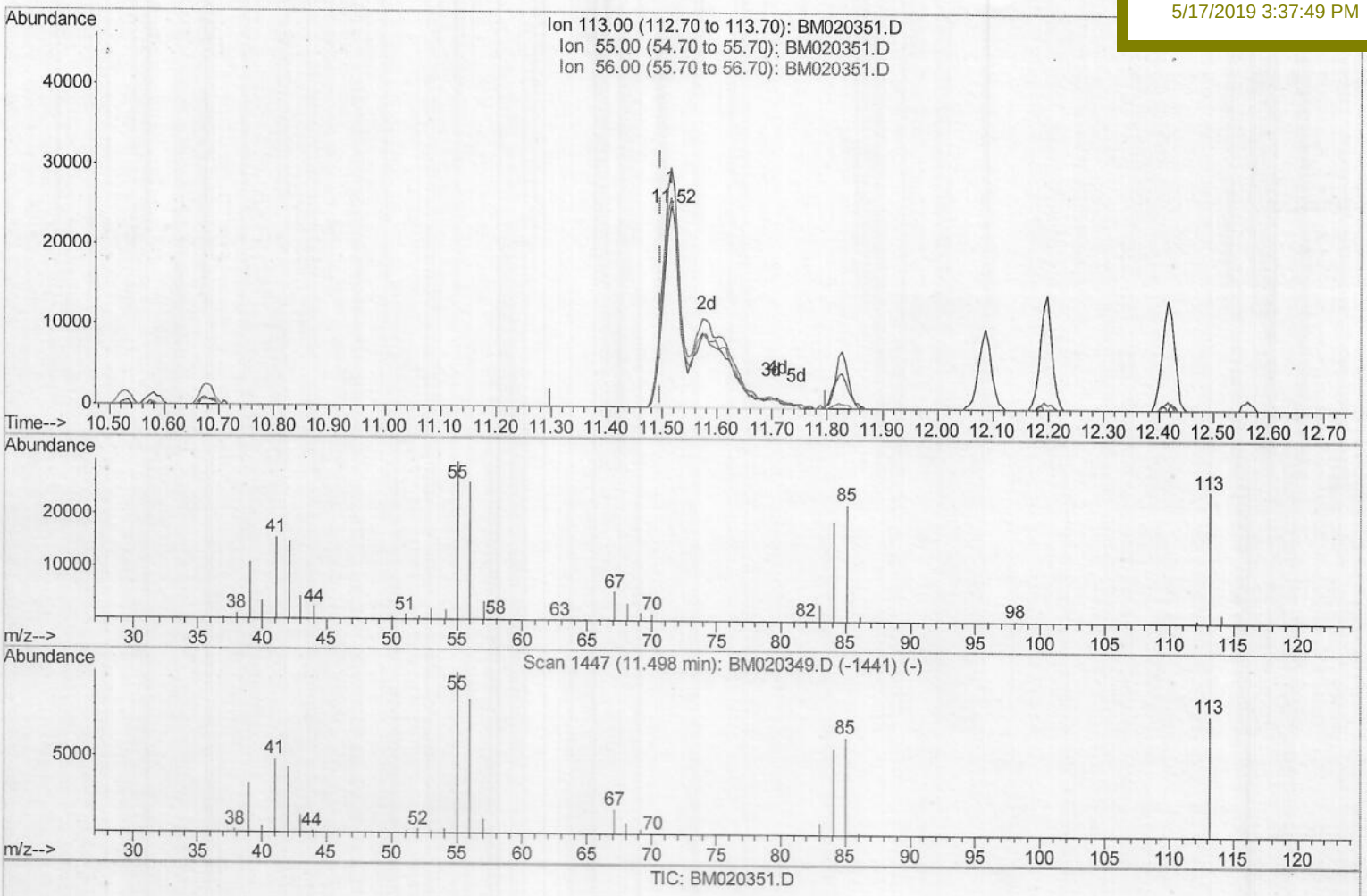

TIC: BM020351.D

(32) Caprolactam

11.516min (+0.018) 79.78ng/ul m) JU 05/21/19

response 94272

Ion	Exp%	Act%
113.00	100	100
55.00	130.70	119.83
56.00	110.50	104.72
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	69836	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	271215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	164838	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	387477	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	386754	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	408789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	59410	32.75	ng/uL	0.00
5) Phenol-d5	6.91	99	461191	81.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	290365	81.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	345954	84.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	333968	81.01	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	157755	91.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	180794	95.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	361709	88.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	354849	83.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	979843	82.38	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1270120	86.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	151108	87.67	ng/ul	0.00
57) Fluorene-d10	15.39	176	868389	82.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	196131	89.83	ng/ul	0.01
70) Anthracene-d10	17.24	188	1395023	85.35	ng/ul	0.00
78) Pyrene-d10	19.54	212	1555495	87.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1579783	86.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	64835	32.490	ng/uL#	94
4) Benzaldehyde	6.89	77	341321	81.717	ng/ul	98
6) Phenol	6.93	94	481804	81.009	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	363533	82.531	ng/ul	97
10) 2-Chlorophenol	7.30	128	356286	85.542	ng/ul	97
11) 2-Methylphenol	8.18	108	330844	81.585	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	240495	78.966	ng/ul	99
14) Acetophenone	8.57	105	547001	78.201	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	330166	83.839	ng/ul	99
16) 4-Methylphenol	8.52	108	353995	80.295	ng/ul	97
17) Hexachloroethane	8.80	117	160815	82.815	ng/ul	93
20) Nitrobenzene	8.95	77	485623	84.686	ng/ul	96
21) Isophorone	9.48	82	822849	81.651	ng/ul	99
23) 2-Nitrophenol	9.65	139	192334	93.839	ng/ul	99
24) 2,4-Dimethylphenol	9.71	107	408136	85.850	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	458591	87.451	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	347903	89.297	ng/ul	99
28) Naphthalene	10.58	128	1008372	81.075	ng/ul	100
30) 4-Chloroaniline	10.70	127	366189	84.557	ng/ul	97
31) Hexachlorobutadiene	10.84	225	283542	85.860	ng/ul	98
32) Caprolactam	11.52	113	94272m	79.780	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	356715	86.968	ng/ul	96
34) 2-Methylnaphthalene	12.20	142	741793	83.583	ng/ul	98

JU 05/21/19

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5/17/2019 3:37:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	496406	87.814	ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	320812	96.673	ng/ul	99
38) 2,4,6-Trichlorophenol	12.81	196	308556	92.642	ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	319794	91.521	ng/ul	100
40) 1,1'-Biphenyl	13.22	154	998393	86.086	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	796266	85.679	ng/ul	100
42) 2-Nitroaniline	13.48	65	241844	101.068	ng/ul	98
44) Dimethylphthalate	13.85	163	966723	81.379	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	202246	99.802	ng/ul	94
47) Acenaphthylene	14.11	152	1175131	83.696	ng/ul	98
48) 3-Nitroaniline	14.32	138	149519	84.261	ng/ul	98
49) Acenaphthene	14.45	153	794660	83.088	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	120169	97.370	ng/ul	95
52) 4-Nitrophenol	14.63	109	157225	88.714	ng/ul	95
53) Dibenzofuran	14.79	168	1205473	82.606	ng/ul	97
54) 2,4-Dinitrotoluene	14.77	165	292113	92.263	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.02	232	299864	89.688	ng/ul	98
56) Diethylphthalate	15.22	149	944048	82.737	ng/ul	99
58) Fluorene	15.44	166	978568	83.261	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	573305	85.598	ng/ul	98
60) 4-Nitroaniline	15.49	138	166706	83.818	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.53	198	202382	90.647	ng/ul	99
64) N-Nitrosodiphenylamine	15.66	169	826088	86.975	ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	359526	88.463	ng/ul	97
66) Hexachlorobenzene	16.43	284	402901	83.998	ng/ul	99
67) Atrazine	16.61	200	327999	84.090	ng/ul	99
68) Pentachlorophenol	16.79	266	248650	88.794	ng/ul	99
69) Phenanthrene	17.18	178	1532817	82.914	ng/ul	99
71) Anthracene	17.27	178	1583194	83.771	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	509372	90.841	ng/uL	100
73) Pentachlorobenzene	14.70	250	477015	86.308	ng/uL	98
74) Carbazole	17.55	167	1297097	80.133	ng/ul	99
75) Di-n-butylphthalate	18.10	149	1554316	89.177	ng/ul	99
76) Fluoranthene	19.20	202	1879641	78.946	ng/ul	100
79) Pyrene	19.57	202	1921959	86.930	ng/ul	98
80) Butylbenzylphthalate	20.46	149	685855	94.600	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.26	252	630353	85.946	ng/ul	97
82) Benzo(a)anthracene	21.32	228	1962356	84.719	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	1010461	94.696	ng/ul	99
84) Chrysene	21.37	228	1858509	83.939	ng/ul	98
86) Di-n-octyl phthalate	22.12	149	1703153	87.935	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	1982019	86.497	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	1922022	85.441	ng/ul	100
90) Benzo(a)pyrene	23.52	252	1888967	86.506	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.93	276	2250935	88.505	ng/ul	99
92) Dibenzo(a,h)anthracene	25.93	278	1941474	89.400	ng/ul	98
93) Benzo(g,h,i)perylene	26.64	276	1856065	87.142	ng/ul	98

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