Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042817\

Data File : BM009792.D
Acq On : 28 Apr 2017 22:15
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quantitation Report (Qedit)

Quant Time: Apr 28 23:10:50 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:07:52 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02037

Manual Integrations APPROVED
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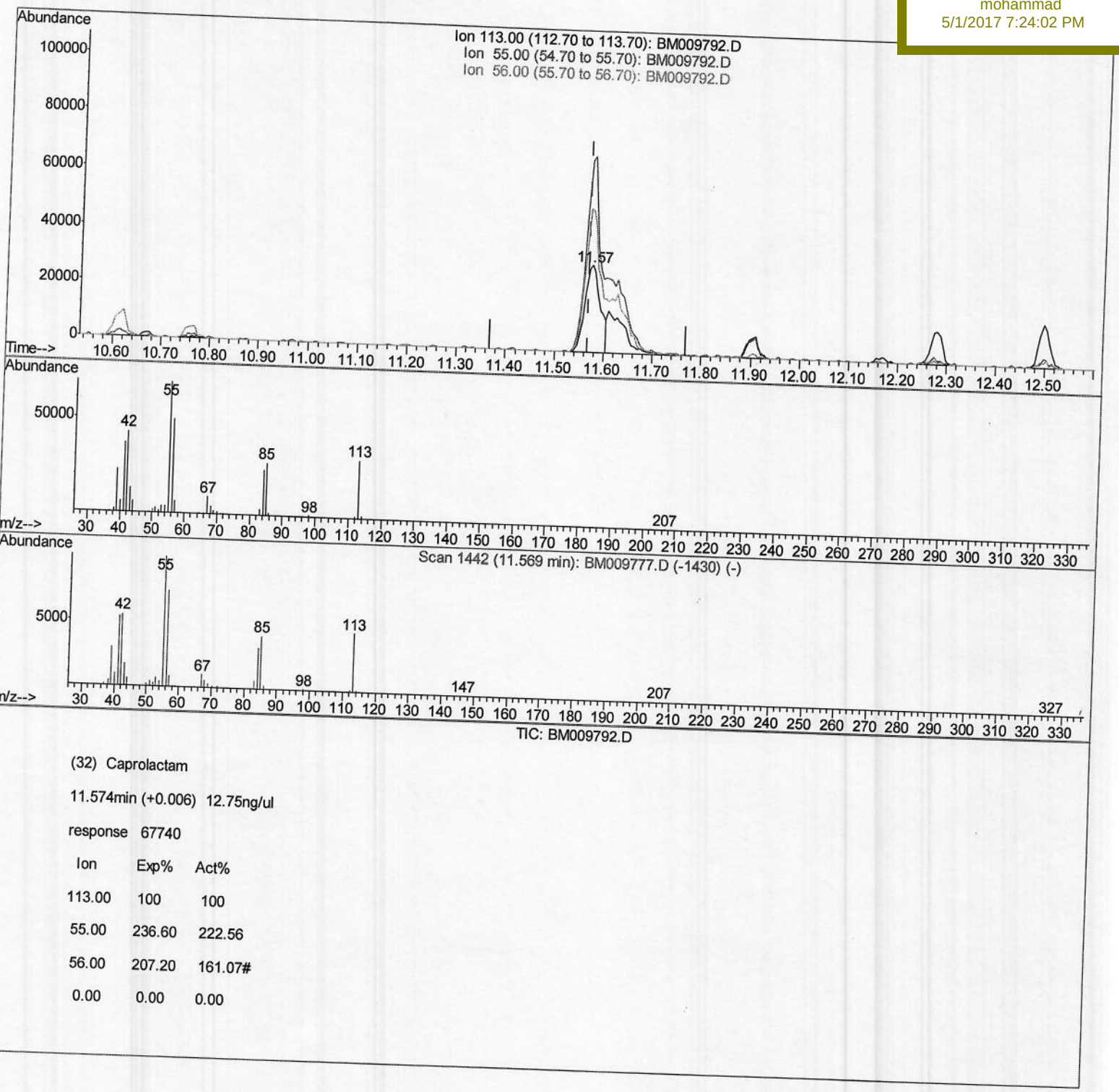

(32) Caprolactam

11.574min (+0.006) 12.75ng/ul

response 67740

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	222.56
56.00	207.20	161.07#
0.00	0.00	0.00

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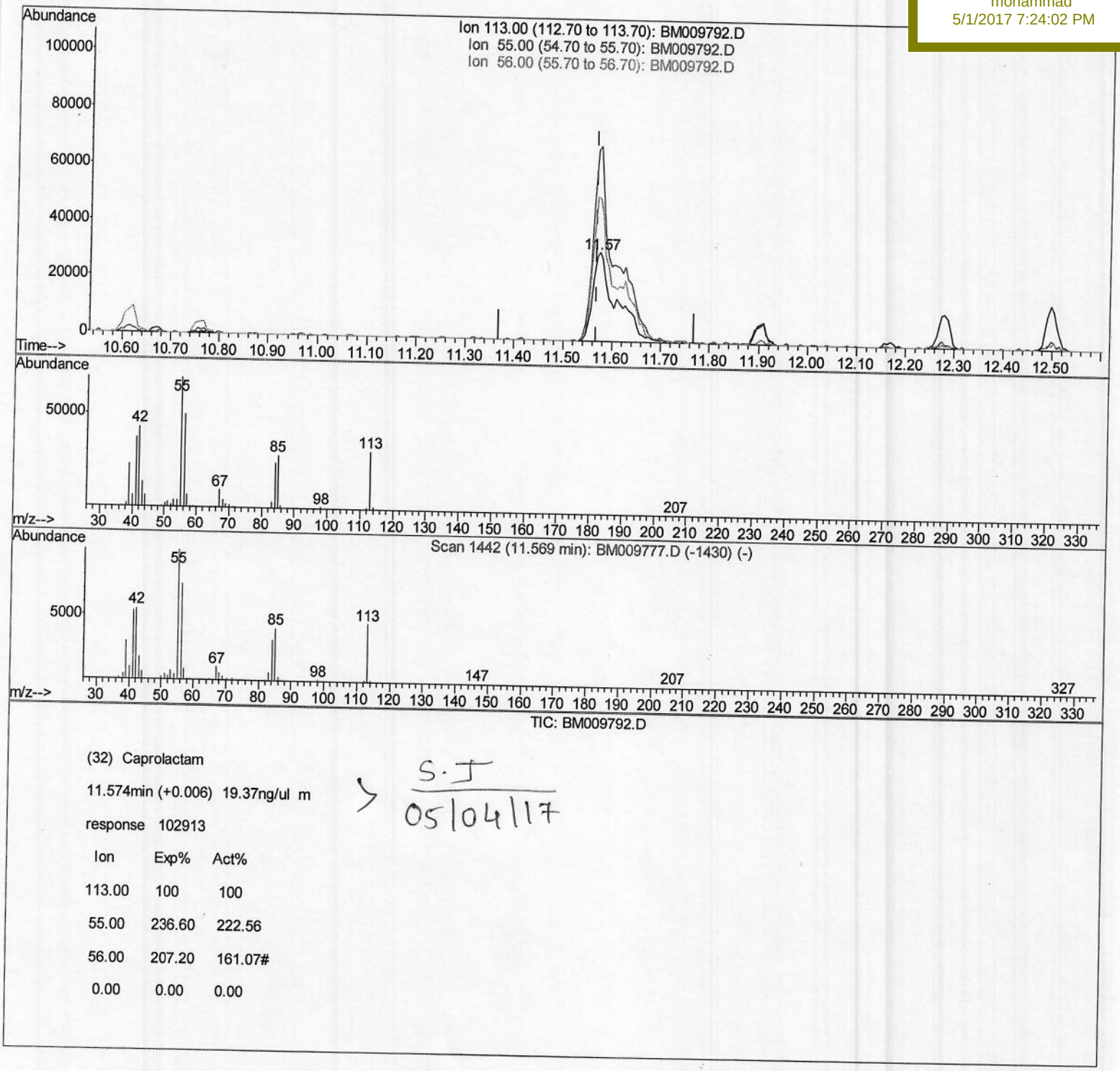

(32) Caprolactam

11.574min (+0.006) 19.37ng/ul m

response 102913

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	222.56
56.00	207.20	161.07#
0.00	0.00	0.00

S.J
05/04/17

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Operator : SJ/MA
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Quantitation Report (QT Reviewed)

Quant Time: Apr 29 00:26:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:07:52 2017
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LabSampleId : SSTD02037

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	182509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	833643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	549997	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1299961	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1480647	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1086588	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	29628	7.48	ng/uL	0.00
5) Phenol-d5	6.99	99	386371	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	263810	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	256547	20.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	305303	19.75	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	136027	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	150323	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	297756	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	367112	21.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	899712	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1110722	19.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	169356	18.35	ng/ul	0.00
57) Fluorene-d10	15.46	176	806990	18.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	146435	15.97	ng/ul	0.00
70) Anthracene-d10	17.32	188	1298005	19.45	ng/ul	0.00
76) Pyrene-d10	19.61	212	1441529	22.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1054603	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	31620	6.47	ng/uL#	71
4) Benzaldehyde	6.97	77	260437	20.16	ng/ul#	79
6) Phenol	7.01	94	388118	18.94	ng/ul#	68
8) Bis(2-Chloroethyl)ether	7.25	93	302874	19.68	ng/ul#	79
10) 2-Chlorophenol	7.38	128	262303	20.31	ng/ul#	75
11) 2-Methylphenol	8.26	108	285024	19.32	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	496937	19.34	ng/ul	96
14) Acetophenone	8.65	105	483312	19.01	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.63	70	306859	19.44	ng/ul#	81
16) 4-Methylphenol	8.59	108	324277	19.87	ng/ul	98
17) Hexachloroethane	8.89	117	118452	19.75	ng/ul	94
20) Nitrobenzene	9.03	77	417242	18.93	ng/ul#	84
21) Isophorone	9.55	82	754920	19.35	ng/ul#	96
23) 2-Nitrophenol	9.73	139	156108	20.08	ng/ul#	54
24) 2,4-Dimethylphenol	9.79	107	373117	19.30	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.03	93	438239	19.38	ng/ul	96
27) 2,4-Dichlorophenol	10.26	162	288522	20.50	ng/ul#	89
28) Naphthalene	10.67	128	862835	19.43	ng/ul	98
30) 4-Chloroaniline	10.79	127	354957	20.66	ng/ul	97
31) Hexachlorobutadiene	10.93	225	194093	19.75	ng/ul	97
32) Caprolactam	11.57	113	102913m	19.37	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	347198	19.80	ng/ul#	89
34) 2-Methylnaphthalene	12.28	142	659562	19.32	ng/ul	99

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	373137	20.01 ng/ul#	96
37) Hexachlorocyclopentadiene	12.62	237	194932	19.57 ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	255424	20.16 ng/ul	92
39) 2,4,5-Trichlorophenol	12.96	196	272949	20.90 ng/ul	97
40) 1,1'-Biphenyl	13.29	154	878325	19.42 ng/ul	94
41) 2-Chloronaphthalene	13.34	162	690117	19.84 ng/ul	94
42) 2-Nitroaniline	13.56	65	291266	19.65 ng/ul#	77
44) Dimethylphthalate	13.92	163	888701	18.78 ng/ul#	98
45) 2,6-Dinitrotoluene	14.05	165	189529	19.94 ng/ul#	72
47) Acenaphthylene	14.19	152	1088599	19.13 ng/ul	100
48) 3-Nitroaniline	14.39	138	184246	19.63 ng/ul#	80
49) Acenaphthene	14.53	153	744341	19.24 ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	101241	15.97 ng/ul#	80
52) 4-Nitrophenol	14.69	109	184743	17.46 ng/ul#	63
53) Dibenzofuran	14.87	168	1075387	18.98 ng/ul	88
54) 2,4-Dinitrotoluene	14.84	165	269854	18.84 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.09	232	246252	19.44 ng/ul#	95
56) Diethylphthalate	15.29	149	925075	17.93 ng/ul	98
58) Fluorene	15.52	166	911740	18.85 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.51	204	465545	18.57 ng/ul	95
60) 4-Nitroaniline	15.56	138	185423	16.92 ng/ul#	29
63) 4,6-Dinitro-2-methylphenol	15.61	198	151643	16.03 ng/ul#	81
64) N-Nitrosodiphenylamine	15.73	169	771248	19.34 ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	293220	19.75 ng/ul#	88
66) Hexachlorobenzene	16.52	284	312040	19.20 ng/ul	93
67) Atrazine	16.68	200	300934	18.80 ng/ul	97
68) Pentachlorophenol	16.87	266	182087	18.19 ng/ul	88
69) Phenanthrene	17.26	178	1436623	19.23 ng/ul	97
71) Anthracene	17.35	178	1499476	19.18 ng/ul	98
72) Carbazole	17.63	167	1289941	18.34 ng/ul	99
73) Di-n-butylphthalate	18.17	149	1638660	19.12 ng/ul#	97
74) Fluoranthene	19.27	202	1749890	18.57 ng/ul#	90
77) Pyrene	19.64	202	1807010	21.61 ng/ul#	89
78) Butylbenzylphthalate	20.53	149	771653	22.25 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.31	252	468909	17.12 ng/ul	99
80) Benzo(a)anthracene	21.39	228	1737595	19.79 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.29	149	1138594	21.67 ng/ul	98
82) Chrysene	21.43	228	1541420	19.50 ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1883908	23.73 ng/ul#	93
85) Benzo(b)fluoranthene	23.01	252	1450425	20.56 ng/ul#	95
86) Benzo(k)fluoranthene	23.06	252	1339948	20.73 ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1281975	19.53 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.06	276	1288325	18.13 ng/ul#	89
90) Dibenzo(a,h)anthracene	26.07	278	1079965	17.84 ng/ul#	94
91) Benzo(g,h,i)perylene	26.79	276	1045547	18.30 ng/ul#	94

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

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