Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (QT Reviewed)

Data File : BM025020.D
Acq On : 22 Feb 2020 11:08
Operator : CG/JU
Sample : L1507-17
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 24 07:08:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 05:59:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	239058	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	971832	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.01	164	799441	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.80	188	1355131	20.00	ng/ul	0.05
78) Chrysene-d12	21.00	240	1510187	20.00	ng/ul	0.04
86) Perylene-d12	23.06	264	1863856	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	2564	0.52	ng/uL	0.02
5) Phenol-d5	6.54	99	44696	2.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	30183	3.37	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	39793	2.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	38508	2.87	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	31562m	4.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	20911	2.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	44911	2.68	ng/ul	0.02
29) 4-Chloroaniline-d4	10.25	131	66145	4.22	ng/ul	0.01
44) Dimethylphthalate-d6	13.44	166	150470	2.49	ng/ul	0.02
47) Acenaphthylene-d8	13.68	160	190814	2.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	24976m	2.55	ng/ul	0.03
58) Fluorene-d10	15.01	176	175596	3.29	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.21	200	10184	1.15	ng/ul	0.08
71) Anthracene-d10	16.92	188	217350	3.51	ng/ul	0.07
79) Pyrene-d10	19.19	212	279059	3.69	ng/ul	0.04
90) Benzo(a)pyrene-d12	22.93	264	303927	3.25	ng/ul	0.02
Target Compounds						Qvalue
14) Acetophenone	8.15	105	54086	2.561	ng/ul	99
28) Naphthalene	10.15	128	30097732m	606.140	ng/ul	
34) 2-Methylnaphthalene	11.78	142	29304552m	801.181	ng/ul	
41) 1,1'-Biphenyl	12.82	154	14426585	244.450	ng/ul#	92
48) Acenaphthylene	13.71	152	1229860	16.848	ng/ul#	90
50) Acenaphthene	14.07	153	37686023m	764.458	ng/ul	
54) Dibenzofuran	14.41	168	31030633m	422.269	ng/ul	
55) 2,4-Dinitrotoluene	14.39	165	84467	4.649	ng/ul#	27
59) Fluorene	15.07	166	31147161m	514.290	ng/ul	
70) Phenanthrene	16.80	178	60685074m	821.310	ng/ul	
72) Anthracene	16.93	178	18245414m	243.482	ng/ul	
75) Carbazole	17.17	167	15572583	249.447	ng/ul	96
77) Fluoranthene	18.83	202	52912612m	583.346	ng/ul	
80) Pyrene	19.20	202	46301976m	463.188	ng/ul	
83) Benzo(a)anthracene	20.97	228	27006518m	265.484	ng/ul	
85) Chrysene	21.02	228	20820489m	207.894	ng/ul	
88) Benzo(b)fluoranthene	22.46	252	26453360m	223.198	ng/ul	
89) Benzo(k)fluoranthene	22.49	252	12273693m	107.591	ng/ul	
91) Benzo(a)pyrene	22.98	252	19694836m	185.351	ng/ul	
92) Indeno(1,2,3-cd)pyrene	25.08	276	7344850	55.523	ng/ul	99
93) Dibenzo(a,h)anthracene	25.08	278	2060844	18.285	ng/ul#	93
94) Benzo(g,h,i)perylene	25.69	276	5268235	47.884	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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