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

Quantitation Report (QT Reviewed)

Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 24 04:55:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	211316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	900612	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	682490	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1693466	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	2042506	20.00	ng/ul	0.02
86) Perylene-d12	23.05	264	2323141	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	3086	0.70	ng/uL	0.01
5) Phenol-d5	6.54	99	47792	3.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	32154	4.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	41515m	3.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	34302	2.90	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	19234	2.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	21389	2.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	42068	2.71	ng/ul	0.01
29) 4-Chloroaniline-d4	10.25	131	27167	1.87	ng/ul	0.01
44) Dimethylphthalate-d6	13.42	166	184964	3.59	ng/ul	0.00
47) Acenaphthylene-d8	13.67	160	211536	3.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	11150m	1.33	ng/ul	0.02
58) Fluorene-d10	15.00	176	179408	3.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	23094	2.09	ng/ul	0.00
71) Anthracene-d10	16.85	188	308287	3.99	ng/ul	0.00
79) Pyrene-d10	19.17	212	388230	3.80	ng/ul	0.01
90) Benzo(a)pyrene-d12	22.93	264	459656m	3.94	ng/ul	0.01
Target Compounds						Qvalue
14) Acetophenone	8.16	105	26996	1.446	ng/ul	99
48) Acenaphthylene	13.70	152	500528	8.032	ng/ul	96
50) Acenaphthene	14.06	153	4272226	101.512	ng/ul	98
59) Fluorene	15.05	166	301825	5.838	ng/ul#	98
70) Phenanthrene	16.79	178	2108385	22.834	ng/ul	100
72) Anthracene	16.88	178	2954122	31.546	ng/ul	99
77) Fluoranthene	18.83	202	31681010m	279.493	ng/ul	
80) Pyrene	19.19	202	28462796m	210.525	ng/ul	
83) Benzo(a)anthracene	20.96	228	18645222m	135.521	ng/ul	
85) Chrysene	21.02	228	18649362m	137.684	ng/ul	
88) Benzo(b)fluoranthene	22.46	252	22512748m	152.397	ng/ul	
89) Benzo(k)fluoranthene	22.50	252	7398928	52.036	ng/ul	96
91) Benzo(a)pyrene	22.97	252	10869256	82.069	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.07	276	4799182	29.107	ng/ul	99
93) Dibenzo(a,h)anthracene	25.07	278	1296953m	9.232	ng/ul	
94) Benzo(g,h,i)perylene	25.68	276	3281875	23.932	ng/ul	99

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

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