Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
Data File : BM031050.D
Acq On : 21 Jul 2021 19:46
Operator : CG/JU
Sample : SSTD0.208
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.2009

Quant Time: Jul 22 01:41:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 01:40:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.406	136	3373	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	2225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	5042	0.400	ng/ul	0.00
17) Chrysene-d12	21.200	240	4576	0.400	ng/ul	0.00
23) Perylene-d12	23.377	264	4464	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	198	0.215	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	1198	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	2903	0.189	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	170	0.165	ng/ul	94
5) Naphthalene	10.455	128	1998	0.199	ng/ul	95
7) 2-Methylnaphthalene	12.070	142	1446	0.203	ng/ul	100
8) 1-Methylnaphthalene	12.290	142	1405	0.202	ng/ul	100
10) Acenaphthylene	13.990	152	1818	0.167	ng/ul	99
11) Acenaphthene	14.330	153	1617	0.205	ng/ul	97
12) Fluorene	15.319	166	1876	0.200	ng/ul	98
14) Pentachlorophenol	16.666	266	366	0.205	ng/ul	95
15) Phenanthrene	17.055	178	3185	0.201	ng/ul	95
16) Anthracene	17.145	178	2961	0.195	ng/ul	98
19) Fluoranthene	19.073	202	3830	0.190	ng/ul#	97
20) Pyrene	19.436	202	3969	0.195	ng/ul	99
21) Benzo(a)anthracene	21.183	228	3732	0.189	ng/ul	97
22) Chrysene	21.236	228	4080	0.200	ng/ul	99
24) Benzo(b)fluoranthene	22.728	252	4208	0.195	ng/ul	89
25) Benzo(k)fluoranthene	22.769	252	4241	0.195	ng/ul#	92
26) Benzo(a)pyrene	23.280	252	3555	0.190	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.536	276	4848	0.191	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.553	278	3856	0.187	ng/ul#	91
29) Benzo(g,h,i)perylene	26.192	276	4123	0.191	ng/ul	95

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

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