Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040818.D
Acq On : 11 Jul 2023 19:16
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4170

Quant Time: Jul 12 04:35:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 03:54:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	3214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	11950	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.532	164	4849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	6972	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.483	240	5044	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	4454	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2124	0.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	6048	0.361	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	6148	0.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	1988	0.387	ng/ul	95
5) Naphthalene	10.741	128	12460	0.378	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	6792	0.351	ng/ul	97
8) 1-Methylnaphthalene	12.577	142	6421	0.332	ng/ul	98
10) Acenaphthylene	14.254	152	8037	0.371	ng/ul	96
11) Acenaphthene	14.597	153	6874	0.376	ng/ul	98
12) Fluorene	15.591	166	6810	0.349	ng/ul	95
14) Pentachlorophenol	16.949	266	488	0.364	ng/ul	90
15) Phenanthrene	17.333	178	7970	0.368	ng/ul	95
16) Anthracene	17.430	178	7302	0.401	ng/ul#	93
19) Fluoranthene	19.352	202	7802	0.364	ng/ul	97
20) Pyrene	19.710	202	8565	0.373	ng/ul#	95
21) Benzo(a)anthracene	21.469	228	5644	0.331	ng/ul	97
22) Chrysene	21.515	228	7125	0.366	ng/ul	99
24) Benzo(b)fluoranthene	23.143	252	6153	0.357	ng/ul	86
25) Benzo(k)fluoranthene	23.190	252	6885	0.405	ng/ul#	90
26) Benzo(a)pyrene	23.772	252	5685	0.366	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.364	276	7284	0.337	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.374	278	5631	0.333	ng/ul#	88
29) Benzo(g,h,i)perylene	27.112	276	6521	0.344	ng/ul	95

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

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