Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044189.D
Acq On : 19 Feb 2024 21:57
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4192

Quant Time: Feb 19 23:13:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	7292	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	22872	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.538	164	10510	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22401	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	17311	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	19984	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	4874	0.472	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	14135	0.441	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	25717	0.498	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	5158	0.500	ng/ul#	86
5) Naphthalene	10.748	128	31628	0.465	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	18729	0.447	ng/ul	99
8) 1-Methylnaphthalene	12.580	142	18800	0.443	ng/ul	99
10) Acenaphthylene	14.260	152	28021	0.485	ng/ul	99
11) Acenaphthene	14.603	153	19707	0.471	ng/ul	100
12) Fluorene	15.593	166	21064	0.446	ng/ul	99
14) Pentachlorophenol	16.942	266	3244	0.404	ng/ul	100
15) Phenanthrene	17.334	178	32920	0.464	ng/ul	99
16) Anthracene	17.427	178	32769	0.467	ng/ul	99
19) Fluoranthene	19.354	202	39490	0.500	ng/ul	97
20) Pyrene	19.721	202	41360	0.498	ng/ul	100
21) Benzo(a)anthracene	21.476	228	36274	0.458	ng/ul	100
22) Chrysene	21.532	228	39588	0.463	ng/ul	100
24) Benzo(b)fluoranthene	23.157	252	37692	0.457	ng/ul	98
25) Benzo(k)fluoranthene	23.207	252	42167	0.471	ng/ul	97
26) Benzo(a)pyrene	23.777	252	35606	0.464	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.363	276	44492	0.456	ng/ul	98
28) Dibenzo(a,h)anthracene	26.393	278	35533	0.462	ng/ul	97
29) Benzo(g,h,i)perylene	27.118	276	38249	0.443	ng/ul	99

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

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