Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
Data File : BM042102.D
Acq On : 28 Sep 2023 02:13
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4102

Quant Time: Sep 28 02:44:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	2863	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.752	136	6943	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.588	164	3010	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	6490	0.400	ng/ul	-0.01
17) Chrysene-d12	21.513	240	3603	0.400	ng/ul	-0.01
23) Perylene-d12	23.918	264	4302	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	1738	0.445	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	3519	0.405	ng/ul	-0.02
18) Fluoranthene-d10	19.362	212	5533	0.373	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	1788	0.436	ng/ul	97
5) Naphthalene	10.807	128	9575	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	5607	0.404	ng/ul	97
8) 1-Methylnaphthalene	12.632	142	5713	0.406	ng/ul	99
10) Acenaphthylene	14.315	152	8305	0.412	ng/ul	98
11) Acenaphthene	14.652	153	6568	0.425	ng/ul	99
12) Fluorene	15.642	166	7393	0.424	ng/ul	98
14) Pentachlorophenol	16.974	266	1209	0.352	ng/ul	98
15) Phenanthrene	17.384	178	12464	0.414	ng/ul	99
16) Anthracene	17.477	178	10568	0.406	ng/ul	99
19) Fluoranthene	19.394	202	14837	0.364	ng/ul	98
20) Pyrene	19.757	202	15559	0.389	ng/ul	96
21) Benzo(a)anthracene	21.495	228	11583	0.424	ng/ul	99
22) Chrysene	21.548	228	12368	0.438	ng/ul	100
24) Benzo(b)fluoranthene	23.173	252	14057	0.425	ng/ul	98
25) Benzo(k)fluoranthene	23.222	252	13456	0.418	ng/ul	96
26) Benzo(a)pyrene	23.807	252	11700	0.430	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.404	276	16435	0.440	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.421	278	11633	0.431	ng/ul	96
29) Benzo(g,h,i)perylene	27.176	276	14269	0.454	ng/ul	97

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

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