Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120423\
Data File : BM043167.D
Acq On : 04 Dec 2023 09:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 04 09:53:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 02 23:54:55 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4149

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/05/2023
Supervised By :mohammad ahmed 12/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	790m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.629	136	2576	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.456	164	1483	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	3082	0.400	ng/ul	0.02
17) Chrysene-d12	21.421	240	2006	0.400	ng/ul	0.02
23) Perylene-d12	23.774	264	2164	0.400	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	453	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1341	0.389	ng/ul	0.02
18) Fluoranthene-d10	19.258	212	2862	0.392	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.194	88	514	0.395	ng/ul	99
5) Naphthalene	10.684	128	2550	0.364	ng/ul	97
7) 2-Methylnaphthalene	12.323	142	1520	0.368	ng/ul	100
8) 1-Methylnaphthalene	12.510	142	1687	0.366	ng/ul	99
10) Acenaphthylene	14.192	152	2728	0.360	ng/ul	98
11) Acenaphthene	14.521	153	2122	0.370	ng/ul	98
12) Fluorene	15.529	166	2191	0.372	ng/ul	95
14) Pentachlorophenol	16.905	266	252	0.302	ng/ul	91
15) Phenanthrene	17.277	178	3289	0.374	ng/ul	99
16) Anthracene	17.386	178	3336	0.400	ng/ul	99
19) Fluoranthene	19.286	202	4359	0.383	ng/ul	99
20) Pyrene	19.653	202	4732	0.391	ng/ul	99
21) Benzo(a)anthracene	21.406	228	2516	0.387	ng/ul	98
22) Chrysene	21.459	228	4736	0.391	ng/ul	97
24) Benzo(b)fluoranthene	23.048	252	2906	0.398	ng/ul	99
25) Benzo(k)fluoranthene	23.098	252	4333	0.431	ng/ul	98
26) Benzo(a)pyrene	23.686	252	2963	0.372	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.252	276	3545	0.329	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.275	278	2587	0.310	ng/ul	98
29) Benzo(g,h,i)perylene	26.997	276	3471	0.331	ng/ul	99

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

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