Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046086.D
Acq On : 19 Jun 2024 15:10
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 19 15:40:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4131

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.480	152	1867	0.400	ng/ul	0.02
4) Naphthalene-d8	10.259	136	6099	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.112	164	3556	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.866	188	6724	0.400	ng/ul	0.00
17) Chrysene-d12	21.044	240	5400	0.400	ng/ul	0.00
23) Perylene-d12	23.136	264	7262	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.046	96	1059	0.413	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.881	152	3346	0.409	ng/ul	0.02
18) Fluoranthene-d10	18.889	212	6801	0.421	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	1204m	0.419	ng/ul	
5) Naphthalene	10.314	128	6841	0.402	ng/ul	98
7) 2-Methylnaphthalene	11.947	142	3935	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.156	142	4552	0.433	ng/ul	98
10) Acenaphthylene	13.839	152	6777	0.402	ng/ul	99
11) Acenaphthene	14.172	153	5026	0.413	ng/ul	95
12) Fluorene	15.185	166	5286	0.405	ng/ul	100
14) Pentachlorophenol	16.566	266	703	0.349	ng/ul	99
15) Phenanthrene	16.908	178	7581	0.401	ng/ul	100
16) Anthracene	17.009	178	5145	0.366	ng/ul	99
19) Fluoranthene	18.917	202	9950	0.426	ng/ul	99
20) Pyrene	19.280	202	10779	0.426	ng/ul	99
21) Benzo(a)anthracene	21.029	228	8085	0.388	ng/ul	100
22) Chrysene	21.079	228	10979	0.412	ng/ul	100
24) Benzo(b)fluoranthene	22.517	252	10634	0.406	ng/ul	99
25) Benzo(k)fluoranthene	22.560	252	12817	0.412	ng/ul	98
26) Benzo(a)pyrene	23.049	252	9768	0.403	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.199	276	15442	0.389	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.209	278	11586	0.392	ng/ul	99
29) Benzo(g,h,i)perylene	25.816	276	13068	0.384	ng/ul	99

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

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