Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043051.D
Acq On : 27 Nov 2023 16:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4139

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 00:22:34 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 : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	877m	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.617	136	2846	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.456	164	1750m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.221	188	3794	0.400	ng/ul	-0.02
17) Chrysene-d12	21.414	240	2187	0.400	ng/ul	0.00
23) Perylene-d12	23.773	264	2423	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.159	96	549	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	1741	0.457	ng/ul	-0.03
18) Fluoranthene-d10	19.248	212	3655	0.459	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	525	0.363	ng/ul	97
5) Naphthalene	10.667	128	3366	0.435	ng/ul#	89
7) 2-Methylnaphthalene	12.295	142	2074	0.455	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	2276	0.447	ng/ul	99
10) Acenaphthylene	14.187	152	3692	0.413	ng/ul	96
11) Acenaphthene	14.516	153	2816	0.416	ng/ul	98
12) Fluorene	15.520	166	3036	0.437	ng/ul	95
14) Pentachlorophenol	16.884	266	369	0.359	ng/ul	96
15) Phenanthrene	17.264	178	4520	0.417	ng/ul	96
16) Anthracene	17.365	178	4254	0.415	ng/ul	96
19) Fluoranthene	19.276	202	5732	0.462	ng/ul	97
20) Pyrene	19.648	202	5871	0.445	ng/ul	96
21) Benzo(a)anthracene	21.403	228	3462	0.488	ng/ul	97
22) Chrysene	21.449	228	5275	0.399	ng/ul	98
24) Benzo(b)fluoranthene	23.039	252	3810	0.466	ng/ul	92
25) Benzo(k)fluoranthene	23.086	252	5205	0.462	ng/ul	95
26) Benzo(a)pyrene	23.674	252	4009	0.449	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.221	276	5226	0.433	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.238	278	4069	0.436	ng/ul	89
29) Benzo(g,h,i)perylene	26.989	276	4884	0.416	ng/ul	96

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

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