Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040723.D
Acq On : 07 Jul 2023 20:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4160

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2023
Supervised By :mohammad ahmed 07/08/2023

Quant Time: Jul 07 21:18:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 10:22:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	4162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	16158	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.546	164	7786	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	16203m	0.400	ng/ul	0.00
17) Chrysene-d12	21.486	240	9676	0.400	ng/ul	0.00
23) Perylene-d12	23.889	264	9095m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2491	0.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.297	152	8752	0.386	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	12896	0.416	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.339	88	2159	0.324	ng/ul#	88
5) Naphthalene	10.757	128	16472	0.370	ng/ul	99
7) 2-Methylnaphthalene	12.368	142	9888	0.378	ng/ul	98
8) 1-Methylnaphthalene	12.588	142	9238	0.353	ng/ul	98
10) Acenaphthylene	14.268	152	12642	0.363	ng/ul	98
11) Acenaphthene	14.606	153	10792	0.367	ng/ul	97
12) Fluorene	15.601	166	11706	0.373	ng/ul	97
14) Pentachlorophenol	16.957	266	419	0.134	ng/ul	92
15) Phenanthrene	17.341	178	16343	0.325	ng/ul	99
16) Anthracene	17.434	178	13993	0.331	ng/ul	97
19) Fluoranthene	19.357	202	16224	0.395	ng/ul	99
20) Pyrene	19.719	202	16687	0.379	ng/ul	98
21) Benzo(a)anthracene	21.472	228	11564	0.353	ng/ul	100
22) Chrysene	21.524	228	12769	0.342	ng/ul	99
24) Benzo(b)fluoranthene	23.155	252	12348	0.351	ng/ul	94
25) Benzo(k)fluoranthene	23.199	252	12527	0.361	ng/ul	93
26) Benzo(a)pyrene	23.781	252	10639	0.336	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.377	276	13820	0.313	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.391	278	10885	0.315	ng/ul	96
29) Benzo(g,h,i)perylene	27.139	276	12398	0.320	ng/ul	99

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

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