Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072924\
Data File : BM046880.D
Acq On : 29 Jul 2024 13:00
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 29 14:23:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4190

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	3578	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.215	136	10414	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	10167	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.866	188	12976	0.400	ng/ul	0.00
17) Chrysene-d12	21.082	240	7499	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	8203	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.088	96	789	0.315	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.815	152	6710	0.405	ng/ul	-0.01
18) Fluoranthene-d10	18.908	212	10841	0.444	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	933	0.325	ng/ul	94
5) Naphthalene	10.264	128	10498	0.399	ng/ul	97
7) 2-Methylnaphthalene	11.892	142	7558	0.417	ng/ul	100
8) 1-Methylnaphthalene	12.118	142	7864	0.420	ng/ul	99
10) Acenaphthylene	13.825	152	18126	0.389	ng/ul	98
11) Acenaphthene	14.172	153	13060	0.413	ng/ul	99
12) Fluorene	15.167	166	10033	0.254	ng/ul	99
14) Pentachlorophenol	16.528	266	2028	0.345	ng/ul	99
15) Phenanthrene	16.908	178	13981	0.375	ng/ul	99
16) Anthracene	17.001	178	13176	0.380	ng/ul	99
19) Fluoranthene	18.940	202	14078	0.427	ng/ul	99
20) Pyrene	19.308	202	14466	0.425	ng/ul	99
21) Benzo(a)anthracene	21.067	228	12002	0.384	ng/ul	100
22) Chrysene	21.120	228	11677	0.368	ng/ul	100
24) Benzo(b)fluoranthene	22.584	252	11709	0.325	ng/ul	93
25) Benzo(k)fluoranthene	22.625	252	11909m	0.328	ng/ul	
26) Benzo(a)pyrene	23.122	252	9802	0.379	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.316	276	13730	0.345	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.337	278	10878	0.373	ng/ul#	95
29) Benzo(g,h,i)perylene	25.957	276	11302	0.323	ng/ul#	94

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

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