Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120524\
Data File : BM048831.D
Acq On : 05 Dec 2024 13:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4097

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2024
Supervised By :mohammad ahmed 12/10/2024

Quant Time: Dec 05 13:49:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:22:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	3324	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	9234	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.234	164	4918	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	8958	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	4908	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	5439	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	1717	0.404	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.965	152	4511	0.406	ng/ul	-0.01
18) Fluoranthene-d10	19.016	212	6841	0.452	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	2115	0.421	ng/ul	91
5) Naphthalene	10.414	128	9508	0.408	ng/ul	99
7) 2-Methylnaphthalene	12.042	142	5520	0.409	ng/ul	97
8) 1-Methylnaphthalene	12.262	142	5813	0.407	ng/ul	100
10) Acenaphthylene	13.951	152	8542	0.396	ng/ul	99
11) Acenaphthene	14.294	153	6435	0.414	ng/ul	100
12) Fluorene	15.288	166	6597	0.410	ng/ul	100
14) Pentachlorophenol	16.651	266	292m	0.377	ng/ul	
15) Phenanthrene	17.023	178	9103	0.401	ng/ul	98
16) Anthracene	17.116	178	7741	0.382	ng/ul	99
19) Fluoranthene	19.044	202	9677	0.429	ng/ul	98
20) Pyrene	19.406	202	9898	0.421	ng/ul	99
21) Benzo(a)anthracene	21.166	228	5343	0.386	ng/ul	99
22) Chrysene	21.216	228	8851	0.404	ng/ul	100
24) Benzo(b)fluoranthene	22.709	252	6192	0.405	ng/ul	99
25) Benzo(k)fluoranthene	22.753	252	8893	0.415	ng/ul	98
26) Benzo(a)pyrene	23.262	252	6280	0.401	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.527	276	8327	0.402	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.544	278	6252	0.404	ng/ul	97
29) Benzo(g,h,i)perylene	26.178	276	7389	0.412	ng/ul	98

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

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