Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046821.D
Acq On : 26 Jul 2024 09:15
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 26 10:53:58 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 :
SSTD0.4185

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/27/2024
Supervised By :mohammad ahmed 08/05/2024

07/27/2024
Supervised By :mohammad ahmed

07/30/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	3886	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	10862	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	7309	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.871	188	14051	0.400	ng/ul	0.00
17) Chrysene-d12	21.081	240	7726	0.400	ng/ul	0.00
23) Perylene-d12	23.212	264	7924	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.096	96	971	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	7174	0.416	ng/ul	0.00
18) Fluoranthene-d10	18.909	212	12296	0.489	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.130	88	1103	0.354	ng/ul	93
5) Naphthalene	10.277	128	11070	0.403	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	8027	0.425	ng/ul	100
8) 1-Methylnaphthalene	12.124	142	8281	0.424	ng/ul	99
10) Acenaphthylene	13.831	152	13464	0.402	ng/ul	99
11) Acenaphthene	14.178	153	9009	0.396	ng/ul	99
12) Fluorene	15.173	166	10761	0.379	ng/ul	99
14) Pentachlorophenol	16.529	266	2082	0.327	ng/ul	98
15) Phenanthrene	16.913	178	16055	0.398	ng/ul	98
16) Anthracene	17.002	178	14830	0.394	ng/ul	99
19) Fluoranthene	18.942	202	16861	0.497	ng/ul	99
20) Pyrene	19.304	202	17069	0.486	ng/ul	98
21) Benzo(a)anthracene	21.067	228	12980	0.403	ng/ul	99
22) Chrysene	21.116	228	12606	0.385	ng/ul	99
24) Benzo(b)fluoranthene	22.583	252	12555	0.361	ng/ul	97
25) Benzo(k)fluoranthene	22.624	252	12262m	0.350	ng/ul	
26) Benzo(a)pyrene	23.118	252	9816	0.393	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.316	276	14662	0.381	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.333	278	10885	0.387	ng/ul	96
29) Benzo(g,h,i)perylene	25.960	276	12024	0.355	ng/ul#	97

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

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