Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050324\
Data File : BM045687.D
Acq On : 03 May 2024 04:00
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4109

Quant Time: May 03 10:50:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM050324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 03 03:27:04 2024
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2024
Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	282m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.336	136	854	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.192	164	579	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.981	188	1305	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	1321	0.400	ng/ul	0.00
23) Perylene-d12	23.364	264	1831	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.154	96	123	0.385	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.958	152	477	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.011	212	1251	0.377	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	152	0.459	ng/ul	94
5) Naphthalene	10.396	128	777	0.357	ng/ul	97
7) 2-Methylnaphthalene	12.030	142	521	0.396	ng/ul	95
8) 1-Methylnaphthalene	12.228	142	548	0.376	ng/ul	95
10) Acenaphthylene	13.919	152	915	0.376	ng/ul	97
11) Acenaphthene	14.261	153	668	0.370	ng/ul	98
12) Fluorene	15.284	166	751	0.359	ng/ul	98
14) Pentachlorophenol	16.656	266	94	0.405	ng/ul	94
15) Phenanthrene	17.019	178	1190	0.367	ng/ul	98
16) Anthracene	17.137	178	1166	0.371	ng/ul	99
19) Fluoranthene	19.044	202	1568	0.374	ng/ul	98
20) Pyrene	19.406	202	1637	0.367	ng/ul	99
21) Benzo(a)anthracene	21.175	228	1420	0.368	ng/ul	97
22) Chrysene	21.219	228	1896	0.347	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	1914	0.375	ng/ul	96
25) Benzo(k)fluoranthene	22.758	252	2304	0.365	ng/ul	96
26) Benzo(a)pyrene	23.276	252	2035	0.360	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.550	276	2878	0.370	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.574	278	2325	0.373	ng/ul	96
29) Benzo(g,h,i)perylene	26.208	276	2505	0.363	ng/ul	95

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

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