Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031124\
Data File : BM044575.D
Acq On : 11 Mar 2024 12:55
Operator : MA/JU
Sample : SSTD1.613
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 11 13:49:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM031124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 12:23:17 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD1.6019

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.723	152	6268	0.400	ng/ul	0.00
4) Naphthalene-d8	10.501	136	20663	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.363	164	11815	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.116	188	25258	0.400	ng/ul	0.00
17) Chrysene-d12	21.312	240	17224	0.400	ng/ul	0.00
23) Perylene-d12	23.571	264	16149	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	12822	1.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.096	152	48161	1.679	ng/ul	0.00
18) Fluoranthene-d10	19.151	212	94787	1.789	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	13415	1.555	ng/ul#	76
5) Naphthalene	10.550	128	92017	1.541	ng/ul	99
7) 2-Methylnaphthalene	12.173	142	59197	1.596	ng/ul	99
8) 1-Methylnaphthalene	12.393	142	59727	1.594	ng/ul	100
10) Acenaphthylene	14.081	152	95903	1.526	ng/ul	99
11) Acenaphthene	14.428	153	67816	1.487	ng/ul	98
12) Fluorene	15.418	166	78215	1.518	ng/ul	99
14) Pentachlorophenol	16.769	266	10205	1.243	ng/ul	97
15) Phenanthrene	17.158	178	121960	1.560	ng/ul	100
16) Anthracene	17.251	178	115046	1.505	ng/ul	99
19) Fluoranthene	19.183	202	132899	1.677	ng/ul	99
20) Pyrene	19.546	202	132990	1.607	ng/ul	99
21) Benzo(a)anthracene	21.294	228	110735	1.476	ng/ul	99
22) Chrysene	21.347	228	109916	1.346	ng/ul	99
24) Benzo(b)fluoranthene	22.884	252	101151	1.570	ng/ul	92
25) Benzo(k)fluoranthene	22.934	252	100294m	1.433	ng/ul	
26) Benzo(a)pyrene	23.472	252	89660	1.509	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.842	276	105878	1.418	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.866	278	82841	1.412	ng/ul	92
29) Benzo(g,h,i)perylene	26.540	276	88505	1.338	ng/ul	98

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

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