Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044897.D
Acq On : 03 Apr 2024 18:50
Operator : MA/JU
Sample : SSTD0.216
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 03 23:26:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:24:21 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.2023

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.656	152	1815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.457	136	5220	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.311	164	2816	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.081	188	6553	0.400	ng/ul	0.01
17) Chrysene-d12	21.278	240	6982	0.400	ng/ul	0.00
23) Perylene-d12	23.511	264	8904	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	562	0.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	1374	0.183	ng/ul	0.02
18) Fluoranthene-d10	19.113	212	3420	0.140	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.260	88	462	0.190	ng/ul#	90
5) Naphthalene	10.512	128	2761	0.188	ng/ul#	90
7) 2-Methylnaphthalene	12.151	142	1603	0.173	ng/ul	99
8) 1-Methylnaphthalene	12.354	142	1753	0.187	ng/ul	99
10) Acenaphthylene	14.034	152	2799	0.196	ng/ul	94
11) Acenaphthene	14.376	153	1998	0.193	ng/ul	97
12) Fluorene	15.389	166	2245	0.190	ng/ul#	96
14) Pentachlorophenol	16.756	266	278	0.176	ng/ul	93
15) Phenanthrene	17.123	178	3633	0.185	ng/ul	96
16) Anthracene	17.233	178	3475m	0.188	ng/ul	
19) Fluoranthene	19.145	202	4877	0.143	ng/ul	96
20) Pyrene	19.508	202	5216	0.149	ng/ul#	95
21) Benzo(a)anthracene	21.269	228	4577	0.172	ng/ul	98
22) Chrysene	21.316	228	6349	0.213	ng/ul	98
24) Benzo(b)fluoranthene	22.841	252	6294	0.185	ng/ul	88
25) Benzo(k)fluoranthene	22.885	252	7521	0.204	ng/ul#	89
26) Benzo(a)pyrene	23.420	252	6204	0.201	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.776	276	8197	0.231	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.796	278	6542	0.239	ng/ul#	89
29) Benzo(g,h,i)perylene	26.450	276	7247	0.233	ng/ul	94

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

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