Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048352.D
Acq On : 31 Oct 2024 11:31
Operator : RC/JU
Sample : SSTD0.201
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 31 14:51:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:50:04 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.2030

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.720	152	3953	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.539	136	11504	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.371	164	7134	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.123	188	15461	0.400	ng/ul	0.00
17) Chrysene-d12	21.292	240	14890	0.400	ng/ul	0.00
23) Perylene-d12	23.534	264	15378	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	1045	0.198	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.150	152	2994	0.189	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	7736	0.181	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.206	88	990m	0.160	ng/ul	
5) Naphthalene	10.589	128	6152	0.197	ng/ul#	94
7) 2-Methylnaphthalene	12.222	142	3598	0.201	ng/ul	99
8) 1-Methylnaphthalene	12.431	142	4024	0.197	ng/ul	99
10) Acenaphthylene	14.098	152	5522	0.172	ng/ul	95
11) Acenaphthene	14.431	153	4475	0.191	ng/ul	98
12) Fluorene	15.435	166	4971	0.197	ng/ul	97
14) Pentachlorophenol	16.794	266	852	0.169	ng/ul	92
15) Phenanthrene	17.161	178	7620	0.194	ng/ul	99
16) Anthracene	17.271	178	7172	0.194	ng/ul	97
19) Fluoranthene	19.173	202	10488	0.181	ng/ul	98
20) Pyrene	19.535	202	11304	0.182	ng/ul	98
21) Benzo(a)anthracene	21.283	228	8671	0.187	ng/ul	99
22) Chrysene	21.330	228	13234	0.192	ng/ul	100
24) Benzo(b)fluoranthene	22.861	252	10267	0.174	ng/ul	89
25) Benzo(k)fluoranthene	22.905	252	13188	0.186	ng/ul#	89
26) Benzo(a)pyrene	23.443	252	9925	0.200	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.826	276	13831	0.187	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.836	278	10726	0.189	ng/ul	93
29) Benzo(g,h,i)perylene	26.510	276	11742	0.191	ng/ul	97

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

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