Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101923\
Data File : BM042372.D
Acq On : 19 Oct 2023 16:15
Operator : MA/JU
Sample : 04696-01
Misc : SFAM-SIM-MDL-WATER-01
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2023-07

Quant Time: Oct 19 16:47:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 14:30:27 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.013	152	3534	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	9371	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	3847	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	7218	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	3025	0.400	ng/ul	0.00
23) Perylene-d12	24.053	264	3204	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	2136	0.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4355	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.427	212	5433	0.397	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	565m	0.102	ng/ul	
5) Naphthalene	10.889	128	2042	0.068	ng/ul#	89
7) 2-Methylnaphthalene	12.495	142	1136	0.065	ng/ul	94
8) 1-Methylnaphthalene	12.709	142	1189	0.067	ng/ul	98
10) Acenaphthylene	14.384	152	1590	0.069	ng/ul#	89
11) Acenaphthene	14.717	153	1320	0.070	ng/ul	96
12) Fluorene	15.707	166	1389	0.067	ng/ul#	98
14) Pentachlorophenol	17.046	266	198	0.072	ng/ul	98
15) Phenanthrene	17.447	178	2154	0.069	ng/ul#	90
16) Anthracene	17.544	178	1658	0.062	ng/ul#	88
19) Fluoranthene	19.455	202	2181	0.066	ng/ul#	93
20) Pyrene	19.822	202	2285	0.067	ng/ul	95
21) Benzo(a)anthracene	21.565	228	1523	0.068	ng/ul	95
22) Chrysene	21.621	228	1713	0.074	ng/ul	96
24) Benzo(b)fluoranthene	23.287	252	1763	0.068	ng/ul	59
25) Benzo(k)fluoranthene	23.339	252	1653	0.067	ng/ul#	55
26) Benzo(a)pyrene	23.942	252	1517	0.074	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.649	276	1963	0.074	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.669	278	1428	0.075	ng/ul#	71
29) Benzo(g,h,i)perylene	27.457	276	1779	0.078	ng/ul#	87

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

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