Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101923\
Data File : BM042368.D
Acq On : 19 Oct 2023 13:48
Operator : MA/JU
Sample : 03573-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 19 14:16:33 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

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2023-06

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	3579	0.400	ng/ul	0.00
4) Naphthalene-d8	10.834	136	9268	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	3855	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	7286	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	2973	0.400	ng/ul	0.00
23) Perylene-d12	24.050	264	3134	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	2192	0.415	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	4320	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	5441	0.405	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	628m	0.112	ng/ul	
5) Naphthalene	10.884	128	2048	0.069	ng/ul#	90
7) 2-Methylnaphthalene	12.489	142	1169	0.068	ng/ul	96
8) 1-Methylnaphthalene	12.709	142	1169	0.066	ng/ul	98
10) Acenaphthylene	14.384	152	1593	0.069	ng/ul#	89
11) Acenaphthene	14.717	153	1318	0.070	ng/ul	98
12) Fluorene	15.702	166	1405	0.068	ng/ul#	96
14) Pentachlorophenol	17.042	266	196	0.070	ng/ul	97
15) Phenanthrene	17.447	178	2179	0.069	ng/ul#	92
16) Anthracene	17.540	178	1772	0.066	ng/ul#	88
19) Fluoranthene	19.455	202	2231	0.068	ng/ul	95
20) Pyrene	19.822	202	2322	0.069	ng/ul	95
21) Benzo(a)anthracene	21.565	228	1521	0.069	ng/ul#	93
22) Chrysene	21.618	228	1670	0.073	ng/ul	95
24) Benzo(b)fluoranthene	23.284	252	1788	0.070	ng/ul	57
25) Benzo(k)fluoranthene	23.336	252	1637	0.068	ng/ul#	54
26) Benzo(a)pyrene	23.942	252	1494	0.074	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	26.649	276	1864	0.072	ng/ul	100
28) Dibenzo(a,h)anthracene	26.673	278	1327	0.071	ng/ul#	70
29) Benzo(g,h,i)perylene	27.451	276	1662	0.074	ng/ul#	87

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

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