Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102023\
Data File : BN028337.D
Acq On : 20 Oct 2023 13:02
Operator : MA/JU
Sample : 04696-02
Misc : SFAM-SIM-MDL-WATER-02
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT4-2023-08

Quant Time: Oct 20 13:52:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 16:16:04 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/23/2023
Supervised By :mohammad ahmed 10/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.882	152	3643	0.400	ng/ul		0.00
4) Naphthalene-d8	10.707	136	12105	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.536	164	7266	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.299	188	16703	0.400	ng/ul		0.00
17) Chrysene-d12	21.495	240	16841	0.400	ng/ul		0.00
23) Perylene-d12	23.945	264	17102	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.258	96	1845	0.403	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.297	152	7065	0.362	ng/ul		0.00
18) Fluoranthene-d10	19.325	212	20762	0.389	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.296	88	536m	0.111	ng/ul		
5) Naphthalene	10.757	128	2367	0.069	ng/ul	#	88
7) 2-Methylnaphthalene	12.374	142	1449	0.067	ng/ul		97
8) 1-Methylnaphthalene	12.588	142	1493	0.067	ng/ul		100
10) Acenaphthylene	14.268	152	2146	0.065	ng/ul	#	90
11) Acenaphthene	14.596	153	1807	0.069	ng/ul		98
12) Fluorene	15.600	166	2060	0.071	ng/ul	#	98
14) Pentachlorophenol	16.979	266	275m	0.077	ng/ul		
15) Phenanthrene	17.342	178	3514	0.071	ng/ul	#	93
16) Anthracene	17.443	178	2907	0.065	ng/ul	#	92
19) Fluoranthene	19.357	202	4446	0.069	ng/ul	#	94
20) Pyrene	19.729	202	4733	0.071	ng/ul		95
21) Benzo(a)anthracene	21.481	228	4343	0.071	ng/ul		96
22) Chrysene	21.533	228	4556	0.073	ng/ul		97
24) Benzo(b)fluoranthene	23.191	252	4568	0.072	ng/ul		69
25) Benzo(k)fluoranthene	23.240	252	4843	0.077	ng/ul	#	69
26) Benzo(a)pyrene	23.843	252	4108	0.076	ng/ul	#	59
27) Indeno(1,2,3-cd)pyrene	26.529	276	4756	0.073	ng/ul	#	99
28) Dibenzo(a,h)anthracene	26.539	278	3862	0.073	ng/ul	#	69
29) Benzo(g,h,i)perylene	27.334	276	4039	0.076	ng/ul	#	82

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

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