Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101723\
Data File : BN028309.D
Acq On : 17 Oct 2023 15:24
Operator : MA/JU
Sample : 03573-01
Misc : SFDAM-SIM-MDL-WATER-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 17 15:53:26 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

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-QT3-2023-05

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/18/2023
Supervised By :mohammad ahmed 10/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	1996	0.400	ng/ul		0.00
4) Naphthalene-d8	10.735	136	6898	0.400	ng/ul	#	0.02
9) Acenaphthene-d10	14.550	164	4159	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.312	188	8924	0.400	ng/ul		0.00
17) Chrysene-d12	21.501	240	8598	0.400	ng/ul		0.00
23) Perylene-d12	23.950	264	9302	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.263	96	1079	0.430	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.324	152	3861	0.347	ng/ul		0.02
18) Fluoranthene-d10	19.334	212	10785	0.395	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.300	88	233m	0.088	ng/ul		
5) Naphthalene	10.784	128	1383	0.071	ng/ul	#	71
7) 2-Methylnaphthalene	12.401	142	809	0.065	ng/ul		97
8) 1-Methylnaphthalene	12.610	142	818	0.064	ng/ul		98
10) Acenaphthylene	14.282	152	1303	0.069	ng/ul	#	81
11) Acenaphthene	14.610	153	1066	0.071	ng/ul		96
12) Fluorene	15.619	166	1175	0.070	ng/ul	#	92
14) Pentachlorophenol	16.978	266	137	0.072	ng/ul	#	60
15) Phenanthrene	17.358	178	1917	0.072	ng/ul	#	89
16) Anthracene	17.459	178	1569	0.066	ng/ul	#	81
19) Fluoranthene	19.366	202	2288	0.070	ng/ul	#	90
20) Pyrene	19.733	202	2413	0.071	ng/ul	#	92
21) Benzo(a)anthracene	21.486	228	2121	0.068	ng/ul		94
22) Chrysene	21.539	228	2315	0.073	ng/ul		94
24) Benzo(b)fluoranthene	23.190	252	2466	0.071	ng/ul	#	56
25) Benzo(k)fluoranthene	23.246	252	2515	0.073	ng/ul	#	54
26) Benzo(a)pyrene	23.848	252	2243	0.076	ng/ul	#	46
27) Indeno(1,2,3-cd)pyrene	26.532	276	2945	0.083	ng/ul		97
28) Dibenzo(a,h)anthracene	26.542	278	2333	0.081	ng/ul	#	60
29) Benzo(g,h,i)perylene	27.333	276	2509	0.086	ng/ul	#	76

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

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