Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011223\
Data File : BM038434.D
Acq On : 12 Jan 2023 10:42
Operator : CG/JU
Sample : N4239-02
Misc : SFAM-SIM-MDL-W-02-0.07NG
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 12 11:12:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 01:15:30 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT3-2022-06

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/13/2023
Supervised By :mohammad ahmed 01/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.000	152	1246	0.400	ng/ul		0.00
4) Naphthalene-d8	10.812	136	3505	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.629	164	2036	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.375	188	3944	0.400	ng/ul		0.00
17) Chrysene-d12	21.545	240	4114	0.400	ng/ul		0.00
23) Perylene-d12	23.974	264	4423	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.368	96	1001	0.539	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.401	152	1662	0.316	ng/ul		0.00
18) Fluoranthene-d10	19.394	212	3912	0.336	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	170m	0.089	ng/ul		
5) Naphthalene	10.862	128	567	0.061	ng/ul	#	62
7) 2-Methylnaphthalene	12.478	142	321	0.056	ng/ul		96
8) 1-Methylnaphthalene	12.687	142	323	0.055	ng/ul		98
10) Acenaphthylene	14.351	152	535	0.056	ng/ul	#	74
11) Acenaphthene	14.694	153	405	0.058	ng/ul	#	92
12) Fluorene	15.684	166	432	0.054	ng/ul	#	94
14) Pentachlorophenol	17.042	266	160	0.114	ng/ul		94
15) Phenanthrene	17.413	178	680	0.058	ng/ul	#	80
16) Anthracene	17.514	178	541	0.050	ng/ul	#	68
19) Fluoranthene	19.427	202	857	0.060	ng/ul	#	77
20) Pyrene	19.789	202	931	0.061	ng/ul	#	82
21) Benzo(a)anthracene	21.527	228	784	0.057	ng/ul	#	88
22) Chrysene	21.583	228	844	0.058	ng/ul	#	89
24) Benzo(b)fluoranthene	23.231	252	964	0.060	ng/ul	#	51
25) Benzo(k)fluoranthene	23.281	252	971	0.061	ng/ul	#	49
26) Benzo(a)pyrene	23.868	252	816	0.054	ng/ul	#	41
27) Indeno(1,2,3-cd)pyrene	26.512	276	1141	0.052	ng/ul		93
28) Dibenzo(a,h)anthracene	26.532	278	951	0.055	ng/ul	#	47
29) Benzo(g,h,i)perylene	27.290	276	1056	0.054	ng/ul	#	68

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

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