Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028908.D
Acq On : 28 Nov 2023 17:37
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 28 18:17:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4337

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.690	152	4317m	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.440	136	15244	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.288	164	9338	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.056	188	18078m	0.400	ng/ul	0.00
17) Chrysene-d12	21.266	240	12970	0.400	ng/ul	# 0.00
23) Perylene-d12	23.540	264	11897	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	2563	0.537	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.052	152	8046m	0.351	ng/ul	-0.02
18) Fluoranthene-d10	19.089	212	19480	0.467	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	2425	0.460	ng/ul#	76
5) Naphthalene	10.484	128	16467	0.385	ng/ul	98
7) 2-Methylnaphthalene	12.118	142	10675m	0.379	ng/ul	
8) 1-Methylnaphthalene	12.327	142	11038m	0.386	ng/ul	
10) Acenaphthylene	14.011	152	18383	0.394	ng/ul	99
11) Acenaphthene	14.353	153	14586	0.425	ng/ul	99
12) Fluorene	15.357	166	14049	0.352	ng/ul	98
14) Pentachlorophenol	16.718	266	1336	0.308	ng/ul	100
15) Phenanthrene	17.094	178	21119	0.380	ng/ul	98
16) Anthracene	17.195	178	16309	0.320	ng/ul	97
19) Fluoranthene	19.117	202	25550	0.463	ng/ul	99
20) Pyrene	19.480	202	27713	0.485	ng/ul	95
21) Benzo(a)anthracene	21.255	228	17626	0.344	ng/ul	98
22) Chrysene	21.301	228	20278	0.404	ng/ul	98
24) Benzo(b)fluoranthene	22.853	252	16797	0.376	ng/ul	83
25) Benzo(k)fluoranthene	22.897	252	20684	0.442	ng/ul#	88
26) Benzo(a)pyrene	23.444	252	17788	0.422	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.874	276	20113	0.430	ng/ul	100
28) Dibenzo(a,h)anthracene	25.894	278	15859	0.424	ng/ul	93
29) Benzo(g,h,i)perylene	26.574	276	17047	0.445	ng/ul	95

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

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