Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
Data File : BN024474.D
Acq On : 22 Mar 2023 09:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4398

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 13:31:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 17:57:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	13017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	37770	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.661	164	18601	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	36739	0.400	ng/ul	0.00
17) Chrysene-d12	21.595	240	24464	0.400	ng/ul	0.00
23) Perylene-d12	24.079	264	18480	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	5331m	0.372	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	17272	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.432	212	28648	0.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.435	88	5307m	0.341	ng/ul	
5) Naphthalene	10.894	128	36612	0.388	ng/ul	99
7) 2-Methylnaphthalene	12.500	142	21805	0.381	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	22570	0.375	ng/ul	100
10) Acenaphthylene	14.384	152	29347	0.378	ng/ul	100
11) Acenaphthene	14.726	153	22962	0.384	ng/ul	99
12) Fluorene	15.707	166	24971	0.374	ng/ul	96
14) Pentachlorophenol	17.059	266	2458	0.241	ng/ul#	72
15) Phenanthrene	17.447	178	39773	0.378	ng/ul	100
16) Anthracene	17.540	178	33832	0.366	ng/ul	100
19) Fluoranthene	19.459	202	41573	0.427	ng/ul	98
20) Pyrene	19.822	202	41756	0.423	ng/ul	97
21) Benzo(a)anthracene	21.577	228	29295	0.367	ng/ul	100
22) Chrysene	21.633	228	32276	0.383	ng/ul	100
24) Benzo(b)fluoranthene	23.319	252	29585	0.419	ng/ul	95
25) Benzo(k)fluoranthene	23.369	252	28647	0.391	ng/ul	95
26) Benzo(a)pyrene	23.968	252	23752	0.391	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.676	276	26691	0.390	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.690	278	19680	0.379	ng/ul	97
29) Benzo(g,h,i)perylene	27.471	276	24594	0.414	ng/ul	98

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

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