Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112023\
Data File : BN028802.D
Acq On : 20 Nov 2023 09:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 15:31:13 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 : Mon Nov 20 06:42:12 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4324

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/21/2023
Supervised By :mohammad ahmed 11/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.702	152	4872m	0.400	ng/ul	-0.09
4) Naphthalene-d8	10.457	136	20589	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.311	164	11531	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.068	188	17476	0.400	ng/ul	-0.02
17) Chrysene-d12	21.284	240	13029	0.400	ng/ul	#-0.01
23) Perylene-d12	23.563	264	16427	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	2979	0.553	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	9053	0.292	ng/ul	-0.05
18) Fluoranthene-d10	19.103	212	18985	0.453	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.150	88	3035	0.510	ng/ul#	81
5) Naphthalene	10.506	128	21521	0.373	ng/ul	99
7) 2-Methylnaphthalene	12.134	142	10626	0.280	ng/ul	98
8) 1-Methylnaphthalene	12.343	142	13904	0.360	ng/ul	99
10) Acenaphthylene	14.029	152	25124	0.437	ng/ul	99
11) Acenaphthene	14.371	153	17946	0.424	ng/ul	99
12) Fluorene	15.371	166	16640	0.338	ng/ul	99
14) Pentachlorophenol	16.731	266	1521	0.363	ng/ul	98
15) Phenanthrene	17.111	178	22104	0.412	ng/ul	98
16) Anthracene	17.212	178	17251	0.350	ng/ul	97
19) Fluoranthene	19.136	202	24581	0.444	ng/ul	99
20) Pyrene	19.498	202	26710	0.465	ng/ul	98
21) Benzo(a)anthracene	21.266	228	18625	0.362	ng/ul	94
22) Chrysene	21.319	228	21118	0.419	ng/ul	96
24) Benzo(b)fluoranthene	22.873	252	21860	0.355	ng/ul	87
25) Benzo(k)fluoranthene	22.917	252	24416	0.378	ng/ul#	89
26) Benzo(a)pyrene	23.461	252	23188	0.398	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.904	276	28661	0.444	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.924	278	22194	0.430	ng/ul	93
29) Benzo(g,h,i)perylene	26.618	276	24118	0.456	ng/ul	94

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

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