Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028901.D
Acq On : 28 Nov 2023 13:03
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4336

Manual Integrations APPROVED

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

Quant Time: Nov 28 14:22:16 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	4285m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.435	136	14272	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.288	164	7366	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.051	188	12410m	0.400	ng/ul	0.00
17) Chrysene-d12	21.266	240	9324	0.400	ng/ul	# 0.00
23) Perylene-d12	23.537	264	10079	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	2650	0.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	6683	0.311	ng/ul	-0.04
18) Fluoranthene-d10	19.084	212	13000	0.433	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	2575	0.492	ng/ul#	78
5) Naphthalene	10.479	128	16129	0.403	ng/ul	98
7) 2-Methylnaphthalene	12.112	142	9055m	0.344	ng/ul	
8) 1-Methylnaphthalene	12.321	142	9483	0.354	ng/ul	99
10) Acenaphthylene	14.010	152	14866	0.404	ng/ul	99
11) Acenaphthene	14.348	153	11569	0.428	ng/ul	98
12) Fluorene	15.352	166	10814	0.344	ng/ul	99
14) Pentachlorophenol	16.709	266	1211	0.407	ng/ul	97
15) Phenanthrene	17.089	178	14728	0.386	ng/ul	97
16) Anthracene	17.191	178	11473	0.328	ng/ul	97
19) Fluoranthene	19.117	202	17127	0.432	ng/ul	98
20) Pyrene	19.479	202	18499	0.450	ng/ul#	94
21) Benzo(a)anthracene	21.251	228	13018	0.353	ng/ul	98
22) Chrysene	21.301	228	15034	0.417	ng/ul	98
24) Benzo(b)fluoranthene	22.853	252	14065	0.372	ng/ul	85
25) Benzo(k)fluoranthene	22.900	252	17114	0.432	ng/ul#	88
26) Benzo(a)pyrene	23.440	252	14952	0.419	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.870	276	19044	0.481	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.893	278	15068	0.476	ng/ul	95
29) Benzo(g,h,i)perylene	26.574	276	16625	0.512	ng/ul	97

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

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