Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
Data File : BN028849.D
Acq On : 22 Nov 2023 21:06
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 22 22:25:37 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 :
SSTD0.4329

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/23/2023
Supervised By :mohammad ahmed 11/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.765	152	7385m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.468	136	21875	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.302	164	12111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.068	188	17013	0.400	ng/ul	0.00
17) Chrysene-d12	21.272	240	15572	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	14646	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	3859	0.473	ng/ul	0.01
6) 2-Methylnaphthalene-d10	12.084	152	7694	0.234	ng/ul	0.01
18) Fluoranthene-d10	19.094	212	21339	0.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	3413	0.378	ng/ul#	70
5) Naphthalene	10.512	128	21457	0.350	ng/ul	97
7) 2-Methylnaphthalene	12.150	142	11549m	0.286	ng/ul	
8) 1-Methylnaphthalene	12.343	142	13086	0.319	ng/ul	99
10) Acenaphthylene	14.024	152	23206	0.384	ng/ul	99
11) Acenaphthene	14.362	153	18502	0.416	ng/ul	99
12) Fluorene	15.371	166	16517	0.319	ng/ul	98
14) Pentachlorophenol	16.730	266	1474	0.361	ng/ul	99
15) Phenanthrene	17.106	178	23553	0.451	ng/ul	98
16) Anthracene	17.216	178	15492	0.323	ng/ul	96
19) Fluoranthene	19.126	202	28014	0.423	ng/ul	99
20) Pyrene	19.489	202	31741	0.462	ng/ul	96
21) Benzo(a)anthracene	21.260	228	18981	0.308	ng/ul	99
22) Chrysene	21.310	228	23499	0.390	ng/ul	99
24) Benzo(b)fluoranthene	22.862	252	21054	0.383	ng/ul	87
25) Benzo(k)fluoranthene	22.905	252	25956	0.451	ng/ul	93
26) Benzo(a)pyrene	23.452	252	22407	0.432	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.877	276	26074	0.453	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.903	278	20013	0.435	ng/ul	95
29) Benzo(g,h,i)perylene	26.584	276	22425	0.475	ng/ul	98

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

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