Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044213.D
Acq On : 20 Feb 2024 19:46
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Feb 20 23:06:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4194

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2024
Supervised By :mohammad ahmed 02/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	14515	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.539	164	6438	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	14140	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	10705	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	12495	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3384	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	8824	0.434	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	16245	0.509	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	3570	0.508	ng/ul#	92
5) Naphthalene	10.748	128	19994	0.463	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	11593	0.436	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	11664	0.433	ng/ul	100
10) Acenaphthylene	14.261	152	17046	0.482	ng/ul	99
11) Acenaphthene	14.604	153	11990	0.467	ng/ul	99
12) Fluorene	15.598	166	12562	0.434	ng/ul	98
14) Pentachlorophenol	16.942	266	2112	0.417	ng/ul	98
15) Phenanthrene	17.339	178	19973	0.446	ng/ul	99
16) Anthracene	17.432	178	20565	0.464	ng/ul	100
19) Fluoranthene	19.360	202	24584	0.504	ng/ul	99
20) Pyrene	19.722	202	25711	0.501	ng/ul	100
21) Benzo(a)anthracene	21.481	228	20746	0.423	ng/ul	99
22) Chrysene	21.534	228	25262	0.478	ng/ul	99
24) Benzo(b)fluoranthene	23.156	252	22506	0.436	ng/ul	98
25) Benzo(k)fluoranthene	23.206	252	25589m	0.457	ng/ul	
26) Benzo(a)pyrene	23.779	252	21547	0.450	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.369	276	26720	0.438	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.402	278	21249	0.442	ng/ul	98
29) Benzo(g,h,i)perylene	27.117	276	23598	0.437	ng/ul	98

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

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