Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
Data File : BM035757.D
Acq On : 29 Jun 2022 12:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 29 13:09:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 07:47:25 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD0.4117

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
Supervised By :mohammad ahmed 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	3135	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.600	136	11479	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.423	164	6158m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.183	188	10758	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.370	240	11098	0.400	ng/ul	# 0.00
23) Perylene-d12	23.691	264	11350	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	2047	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	6635	0.369	ng/ul	-0.03
18) Fluoranthene-d10	19.211	212	12803	0.342	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	2051m	0.487	ng/ul	
5) Naphthalene	10.649	128	12322	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.277	142	7048	0.321	ng/ul	100
8) 1-Methylnaphthalene	12.475	142	7397	0.356	ng/ul	98
10) Acenaphthylene	14.155	152	11347	0.351	ng/ul	100
11) Acenaphthene	14.488	153	8388	0.337	ng/ul	99
12) Fluorene	15.492	166	8886	0.310	ng/ul	99
14) Pentachlorophenol	16.884	266	874	0.515	ng/ul	98
15) Phenanthrene	17.225	178	13062	0.335	ng/ul	97
16) Anthracene	17.331	178	11434	0.353	ng/ul	97
19) Fluoranthene	19.244	202	16081	0.289	ng/ul	97
20) Pyrene	19.601	202	17629	0.283	ng/ul	96
21) Benzo(a)anthracene	21.356	228	13128	0.342	ng/ul	94
22) Chrysene	21.408	228	15542	0.315	ng/ul	95
24) Benzo(b)fluoranthene	22.987	252	15715	0.323	ng/ul	81
25) Benzo(k)fluoranthene	23.036	252	16256	0.327	ng/ul#	81
26) Benzo(a)pyrene	23.595	252	17014	0.342	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.104	276	20879	0.386	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.111	278	16946	0.395	ng/ul#	81
29) Benzo(g,h,i)perylene	26.838	276	19099	0.382	ng/ul#	89

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

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