Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043249.D
Acq On : 12 Dec 2023 05:47
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4152

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 06:18:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 16:25:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	9566	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	28902	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	16171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	33124	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.536	240	19492	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	18428	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	4809	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	15841	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	26732	0.384	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	4825	0.398	ng/ul	97
5) Naphthalene	10.861	128	34346	0.395	ng/ul	100
7) 2-Methylnaphthalene	12.467	142	22009	0.393	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	21996	0.391	ng/ul	100
10) Acenaphthylene	14.351	152	34258	0.385	ng/ul	99
11) Acenaphthene	14.689	153	25273	0.390	ng/ul	98
12) Fluorene	15.675	166	28168	0.384	ng/ul	98
14) Pentachlorophenol	17.012	266	2622	0.357	ng/ul	97
15) Phenanthrene	17.409	178	43671	0.395	ng/ul	100
16) Anthracene	17.502	178	39535	0.394	ng/ul	100
19) Fluoranthene	19.417	202	42580	0.387	ng/ul	97
20) Pyrene	19.775	202	42469	0.389	ng/ul	98
21) Benzo(a)anthracene	21.518	228	33254	0.389	ng/ul	99
22) Chrysene	21.571	228	34931	0.387	ng/ul	99
24) Benzo(b)fluoranthene	23.213	252	31425	0.376	ng/ul	98
25) Benzo(k)fluoranthene	23.263	252	32727m	0.377	ng/ul	
26) Benzo(a)pyrene	23.845	252	26402	0.383	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.471	276	30429	0.387	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.498	278	24316	0.391	ng/ul	99
29) Benzo(g,h,i)perylene	27.239	276	25654	0.383	ng/ul	99

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

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