Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044174.D
Acq On : 19 Feb 2024 12:54
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4191

Quant Time: Feb 19 13:38:56 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4752	0.400	ng/ul	0.00
4) Naphthalene-d8	10.693	136	13343	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.538	164	6154	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	13255	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	10507	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	11811	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	3328	0.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	8283	0.443	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	16231	0.518	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	3759	0.559	ng/ul#	83
5) Naphthalene	10.743	128	18416	0.464	ng/ul	99
7) 2-Methylnaphthalene	12.360	142	10910	0.446	ng/ul	100
8) 1-Methylnaphthalene	12.580	142	10887	0.440	ng/ul	99
10) Acenaphthylene	14.260	152	15885	0.470	ng/ul	99
11) Acenaphthene	14.603	153	11400	0.465	ng/ul	99
12) Fluorene	15.593	166	12650	0.458	ng/ul	98
14) Pentachlorophenol	16.937	266	2454	0.517	ng/ul	99
15) Phenanthrene	17.334	178	20170	0.480	ng/ul	100
16) Anthracene	17.427	178	19405	0.467	ng/ul	99
19) Fluoranthene	19.354	202	24510	0.512	ng/ul	96
20) Pyrene	19.717	202	25746	0.511	ng/ul	96
21) Benzo(a)anthracene	21.479	228	23066	0.479	ng/ul	100
22) Chrysene	21.532	228	23528	0.454	ng/ul	99
24) Benzo(b)fluoranthene	23.160	252	23267	0.477	ng/ul	97
25) Benzo(k)fluoranthene	23.209	252	24997	0.472	ng/ul	97
26) Benzo(a)pyrene	23.780	252	22004	0.486	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.360	276	26614	0.461	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.396	278	21220	0.467	ng/ul	98
29) Benzo(g,h,i)perylene	27.117	276	22702	0.445	ng/ul	98

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

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