Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050124\
Data File : BM045664.D
Acq On : 01 May 2024 16:41
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.4106

Quant Time: May 01 17:12:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 30 09:34:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.542	152	597	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.319	136	1873	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.191	164	925	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.971	188	1608	0.400	ng/ul	0.00
17) Chrysene-d12	21.187	240	1049	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	1755	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.154	96	295	0.369	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.925	152	980	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	1216	0.368	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.184	88	390	0.507	ng/ul#	74
5) Naphthalene	10.369	128	2035	0.405	ng/ul	96
7) 2-Methylnaphthalene	12.008	142	1194	0.416	ng/ul	98
8) 1-Methylnaphthalene	12.211	142	1276	0.396	ng/ul	100
10) Acenaphthylene	13.913	152	1906	0.418	ng/ul	98
11) Acenaphthene	14.256	153	1379	0.407	ng/ul	99
12) Fluorene	15.274	166	1378	0.380	ng/ul	99
14) Pentachlorophenol	16.646	266	107	0.334	ng/ul	90
15) Phenanthrene	17.013	178	1878	0.401	ng/ul	97
16) Anthracene	17.119	178	1800	0.411	ng/ul	97
19) Fluoranthene	19.038	202	1839	0.380	ng/ul	97
20) Pyrene	19.405	202	1969	0.396	ng/ul	97
21) Benzo(a)anthracene	21.178	228	1451	0.433	ng/ul	99
22) Chrysene	21.222	228	1894	0.367	ng/ul	99
24) Benzo(b)fluoranthene	22.721	252	2372	0.402	ng/ul	99
25) Benzo(k)fluoranthene	22.765	252	2642	0.354	ng/ul	97
26) Benzo(a)pyrene	23.283	252	2396	0.391	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.555	276	4207	0.473	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.571	278	3254	0.461	ng/ul	93
29) Benzo(g,h,i)perylene	26.215	276	3706	0.463	ng/ul	97

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

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