Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112823\
Data File : BM043071.D
Acq On : 28 Nov 2023 14:06
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4141

Quant Time: Nov 28 14:43:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	617	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.634	136	1882	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.460	164	1053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	2256	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	1558	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	1936	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	395	0.417	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1004	0.399	ng/ul	0.00
18) Fluoranthene-d10	19.253	212	2262	0.398	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	414	0.407	ng/ul#	92
5) Naphthalene	10.689	128	2110	0.412	ng/ul	97
7) 2-Methylnaphthalene	12.317	142	1195	0.396	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	1281	0.381	ng/ul	97
10) Acenaphthylene	14.201	152	2169	0.404	ng/ul	98
11) Acenaphthene	14.525	153	1650	0.405	ng/ul	97
12) Fluorene	15.529	166	1707	0.408	ng/ul	99
14) Pentachlorophenol	16.939	266	175	0.287	ng/ul#	82
15) Phenanthrene	17.268	178	2544	0.395	ng/ul	99
16) Anthracene	17.378	178	2425	0.398	ng/ul	98
19) Fluoranthene	19.286	202	3497	0.396	ng/ul	99
20) Pyrene	19.653	202	3669	0.391	ng/ul	99
21) Benzo(a)anthracene	21.403	228	2376	0.470	ng/ul	97
22) Chrysene	21.449	228	3808	0.404	ng/ul	99
24) Benzo(b)fluoranthene	23.045	252	3021	0.462	ng/ul	99
25) Benzo(k)fluoranthene	23.095	252	3899	0.433	ng/ul	96
26) Benzo(a)pyrene	23.674	252	2848	0.399	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.238	276	3997	0.414	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.255	278	3067	0.411	ng/ul	95
29) Benzo(g,h,i)perylene	26.993	276	3696	0.394	ng/ul	98

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

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