Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040745.D
Acq On : 08 Jul 2023 18:31
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4163

Quant Time: Jul 08 22:59:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 22:50:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	3287	0.400	ng/ul	0.00
4) Naphthalene-d8	10.702	136	12841	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	6066	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	11024	0.400	ng/ul	0.00
17) Chrysene-d12	21.483	240	6800	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	5515	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2165	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	6968	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.324	212	9534	0.437	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.339	88	1862	0.354	ng/ul	94
5) Naphthalene	10.752	128	13375	0.378	ng/ul	98
7) 2-Methylnaphthalene	12.368	142	7905	0.380	ng/ul	98
8) 1-Methylnaphthalene	12.583	142	7419	0.357	ng/ul	97
10) Acenaphthylene	14.264	152	9951	0.367	ng/ul	97
11) Acenaphthene	14.601	153	8511	0.372	ng/ul	96
12) Fluorene	15.596	166	9085	0.372	ng/ul	100
14) Pentachlorophenol	16.957	266	298	0.140	ng/ul	97
15) Phenanthrene	17.341	178	12149	0.355	ng/ul	99
16) Anthracene	17.434	178	10878	0.378	ng/ul	97
19) Fluoranthene	19.357	202	11942	0.413	ng/ul	99
20) Pyrene	19.719	202	12445	0.402	ng/ul	98
21) Benzo(a)anthracene	21.469	228	8071	0.351	ng/ul	98
22) Chrysene	21.521	228	9150	0.349	ng/ul	98
24) Benzo(b)fluoranthene	23.149	252	8339	0.391	ng/ul	92
25) Benzo(k)fluoranthene	23.196	252	8097	0.385	ng/ul#	91
26) Benzo(a)pyrene	23.775	252	6871	0.357	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.371	276	8992	0.336	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.384	278	7081	0.338	ng/ul	95
29) Benzo(g,h,i)perylene	27.129	276	8064	0.344	ng/ul	97

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

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