Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070823\
Data File : BM040780.D
Acq On : 09 Jul 2023 17:00
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4165

Quant Time: Jul 09 17:52:58 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 : Sun Jul 09 14:07:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	16582	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.537	164	7228	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.291	188	11993	0.400	ng/ul	0.00
17) Chrysene-d12	21.480	240	7402	0.400	ng/ul	0.00
23) Perylene-d12	23.874	264	6222	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2899	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	8635	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.320	212	10169	0.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	2639	0.376	ng/ul	94
5) Naphthalene	10.741	128	17017	0.372	ng/ul	98
7) 2-Methylnaphthalene	12.357	142	9704	0.361	ng/ul	97
8) 1-Methylnaphthalene	12.577	142	9134	0.340	ng/ul	98
10) Acenaphthylene	14.259	152	12000	0.372	ng/ul	97
11) Acenaphthene	14.597	153	10143	0.372	ng/ul	98
12) Fluorene	15.591	166	10566	0.363	ng/ul	97
14) Pentachlorophenol	16.949	266	327	0.142	ng/ul	92
15) Phenanthrene	17.333	178	13321	0.358	ng/ul	98
16) Anthracene	17.426	178	11914	0.381	ng/ul	96
19) Fluoranthene	19.352	202	12804	0.407	ng/ul	99
20) Pyrene	19.715	202	13393	0.397	ng/ul	98
21) Benzo(a)anthracene	21.463	228	8871	0.354	ng/ul	99
22) Chrysene	21.515	228	10165	0.356	ng/ul	99
24) Benzo(b)fluoranthene	23.143	252	8830	0.367	ng/ul	92
25) Benzo(k)fluoranthene	23.190	252	9205	0.388	ng/ul#	92
26) Benzo(a)pyrene	23.766	252	8027	0.370	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.357	276	9914	0.328	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.374	278	7798	0.330	ng/ul	94
29) Benzo(g,h,i)perylene	27.115	276	9008	0.340	ng/ul	98

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

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