Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033578.D
Acq On : 22 Dec 2021 16:16
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4191

Quant Time: Dec 23 00:36:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	243	0.400	ng/ul	0.01
4) Naphthalene-d8	10.747	136	755	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.564	164	414	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	872	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.499	240	1176	0.400	ng/ul	# 0.00
23) Perylene-d12	23.895	264	1223	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	116	0.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	358	0.355	ng/ul	0.02
18) Fluoranthene-d10	19.342	212	1048	0.385	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.368	88	124	0.462	ng/ul	94
5) Naphthalene	10.792	128	929	0.372	ng/ul#	83
7) 2-Methylnaphthalene	12.416	142	541	0.318	ng/ul	89
8) 1-Methylnaphthalene	12.618	142	575	0.362	ng/ul	98
10) Acenaphthylene	14.291	152	872	0.393	ng/ul#	91
11) Acenaphthene	14.633	153	677	0.400	ng/ul	94
12) Fluorene	15.630	166	739	0.395	ng/ul#	97
14) Pentachlorophenol	16.993	266	155	0.355	ng/ul	96
15) Phenanthrene	17.365	178	1141	0.403	ng/ul#	87
16) Anthracene	17.469	178	971	0.366	ng/ul#	87
19) Fluoranthene	19.372	202	1407	0.390	ng/ul#	90
20) Pyrene	19.734	202	1477	0.391	ng/ul#	89
21) Benzo(a)anthracene	21.485	228	1078	0.334	ng/ul	91
22) Chrysene	21.533	228	1364	0.374	ng/ul	94
24) Benzo(b)fluoranthene	23.166	252	1369	0.354	ng/ul	84
25) Benzo(k)fluoranthene	23.214	252	1585	0.391	ng/ul#	83
26) Benzo(a)pyrene	23.791	252	1321	0.369	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.390	276	1902	0.383	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.424	278	1563	0.393	ng/ul#	85
29) Benzo(g,h,i)perylene	27.144	276	1795	0.410	ng/ul#	92

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

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