Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121923\
Data File : BM043498.D
Acq On : 21 Dec 2023 12:22
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4162

Quant Time: Dec 22 00:06:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 23:32:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.979	152	4967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	14648	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.611	164	7056	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	14384	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.533	240	9795	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	10758	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	2911	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	8035	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	12485	0.357	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	2960	0.470	ng/ul#	83
5) Naphthalene	10.834	128	18025	0.409	ng/ul	99
7) 2-Methylnaphthalene	12.445	142	10799	0.380	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	10792	0.378	ng/ul	99
10) Acenaphthylene	14.333	152	15647	0.403	ng/ul	99
11) Acenaphthene	14.671	153	11467	0.406	ng/ul	99
12) Fluorene	15.661	166	12571	0.393	ng/ul	98
14) Pentachlorophenol	17.008	266	815	0.256	ng/ul	99
15) Phenanthrene	17.396	178	19473	0.406	ng/ul	100
16) Anthracene	17.489	178	17839	0.409	ng/ul	100
19) Fluoranthene	19.408	202	19575	0.354	ng/ul#	93
20) Pyrene	19.771	202	20244	0.369	ng/ul	95
21) Benzo(a)anthracene	21.518	228	16796	0.391	ng/ul	99
22) Chrysene	21.571	228	17827	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	18348	0.376	ng/ul	93
25) Benzo(k)fluoranthene	23.260	252	19209	0.379	ng/ul#	91
26) Benzo(a)pyrene	23.839	252	16364	0.406	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.465	276	22768	0.496	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.491	278	18356	0.505	ng/ul	95
29) Benzo(g,h,i)perylene	27.236	276	19376	0.495	ng/ul	96

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

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