Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041678.D
Acq On : 07 Sep 2023 03:56
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4070

Quant Time: Sep 07 04:27:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	6477	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	15154	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	6824	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13671	0.400	ng/ul	0.00
17) Chrysene-d12	21.562	240	7603	0.400	ng/ul	# 0.00
23) Perylene-d12	23.994	264	8987	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3786	0.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	8878	0.455	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	12249	0.332	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	3929	0.382	ng/ul	97
5) Naphthalene	10.873	128	21893	0.440	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	13110	0.464	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	13170	0.464	ng/ul	100
10) Acenaphthylene	14.370	152	19045	0.452	ng/ul	99
11) Acenaphthene	14.708	153	14169	0.432	ng/ul	97
12) Fluorene	15.693	166	15926	0.433	ng/ul	98
14) Pentachlorophenol	17.020	266	2798	0.511	ng/ul	99
15) Phenanthrene	17.438	178	24481	0.424	ng/ul	99
16) Anthracene	17.527	178	22104	0.447	ng/ul	99
19) Fluoranthene	19.445	202	26292	0.293	ng/ul	97
20) Pyrene	19.808	202	27073	0.304	ng/ul	99
21) Benzo(a)anthracene	21.545	228	20829	0.336	ng/ul	99
22) Chrysene	21.600	228	20742	0.310	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	22573	0.281	ng/ul	98
25) Benzo(k)fluoranthene	23.292	252	22092	0.281	ng/ul	97
26) Benzo(a)pyrene	23.883	252	19722	0.302	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.515	276	28142	0.314	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.538	278	20784	0.331	ng/ul	94
29) Benzo(g,h,i)perylene	27.303	276	23701	0.298	ng/ul	98

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

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