Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100622\
Data File : BM036845.D
Acq On : 06 Oct 2022 15:47
Operator : CG/JU
Sample : SSTD1.671
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD1.6026

Quant Time: Oct 06 16:20:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 16:12:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	6713	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	22062	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.594	164	11866	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	23849	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	21137	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	17778	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	14499	1.487	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.360	152	51659	1.501	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	97952	1.489	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	14209	1.533	ng/ul#	79
5) Naphthalene	10.826	128	97703	1.617	ng/ul	95
7) 2-Methylnaphthalene	12.431	142	60430	1.633	ng/ul	92
8) 1-Methylnaphthalene	12.646	142	60881	1.620	ng/ul	99
10) Acenaphthylene	14.316	152	77527	1.721	ng/ul	97
11) Acenaphthene	14.654	153	65879	1.654	ng/ul	99
12) Fluorene	15.639	166	74798	1.687	ng/ul	99
14) Pentachlorophenol	16.980	266	8876	2.066	ng/ul	98
15) Phenanthrene	17.372	178	116163	1.670	ng/ul	98
16) Anthracene	17.461	178	100199	1.714	ng/ul	98
19) Fluoranthene	19.378	202	127740	1.682	ng/ul	99
20) Pyrene	19.740	202	129259	1.649	ng/ul	99
21) Benzo(a)anthracene	21.479	228	116789	1.829	ng/ul	98
22) Chrysene	21.532	228	120074	1.682	ng/ul	98
24) Benzo(b)fluoranthene	23.166	252	122065	1.726	ng/ul	85
25) Benzo(k)fluoranthene	23.216	252	121299	1.717	ng/ul#	83
26) Benzo(a)pyrene	23.794	252	100402	1.734	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.397	276	142743	2.074	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.417	278	116105	1.968	ng/ul#	86
29) Benzo(g,h,i)perylene	27.165	276	123503	1.881	ng/ul	95

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

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