Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021221\
Data File : BM028730.D
Acq On : 12 Feb 2021 15:05
Operator : CG/JU
Sample : SSTD1.604
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD1.6004

Quant Time: Feb 12 15:35:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 14:23:47 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	437	0.40	ng/ul	0.00
4) Naphthalene-d8	10.70	136	1715	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.54	164	924	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.28	188	1871	0.40	ng/ul	0.00
17) Chrysene-d12	21.42	240	1865	0.40	ng/ul	0.00
23) Perylene-d12	23.66	264	1812	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	733	1.51	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.29	152	3829	1.55	ng/ul	0.00
18) Fluoranthene-d10	19.29	212	7542	1.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	744	1.479	ng/ul#	81
5) Naphthalene	10.75	128	6845	1.395	ng/ul	94
7) 2-Methylnaphthalene	12.36	142	4754	1.516	ng/ul	100
8) 1-Methylnaphthalene	12.58	142	4547	1.519	ng/ul	100
10) Acenaphthylene	14.27	152	6115	1.529	ng/ul	94
11) Acenaphthene	14.60	153	4759	1.391	ng/ul	97
12) Fluorene	15.59	166	5387	1.441	ng/ul	99
14) Pentachlorophenol	16.94	266	764	1.814	ng/ul	99
15) Phenanthrene	17.32	178	8389	1.418	ng/ul	95
16) Anthracene	17.41	178	7928	1.534	ng/ul	95
19) Fluoranthene	19.32	202	9593	1.174	ng/ul	96
20) Pyrene	19.68	202	9750	1.207	ng/ul	95
21) Benzo(a)anthracene	21.41	228	9435	1.474	ng/ul	97
22) Chrysene	21.46	228	9717	1.384	ng/ul	97
24) Benzo(b)fluoranthene	22.98	252	10361	1.329	ng/ul	89
25) Benzo(k)fluoranthene	23.03	252	10107	1.369	ng/ul#	87
26) Benzo(a)pyrene	23.56	252	8984	1.405	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.91	276	11647	1.389	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.92	278	9761	1.408	ng/ul#	90
29) Benzo(g,h,i)perylene	26.60	276	9818	1.307	ng/ul	92

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

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