Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121120\
Data File : BM028104.D
Acq On : 11 Dec 2020 17:57
Operator : JU/CG
Sample : SSTD0.205
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.2051

Quant Time: Dec 12 02:54:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 12 02:45:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	2597	0.40	ng/ul	0.00
4) Naphthalene-d8	11.05	136	9725	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.85	164	5172	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.56	188	10164	0.40	ng/ul	0.00
17) Chrysene-d12	21.67	240	7952	0.40	ng/ul	0.00
23) Perylene-d12	24.04	264	7071	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	575	0.22	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.62	152	2867	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.56	212	4834	0.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	694	0.242	ng/ul#	90
5) Naphthalene	11.10	128	5367	0.195	ng/ul	97
7) 2-Methylnaphthalene	12.70	142	3465	0.182	ng/ul	99
8) 1-Methylnaphthalene	12.91	142	3335	0.186	ng/ul	100
10) Acenaphthylene	14.57	152	4010	0.174	ng/ul	97
11) Acenaphthene	14.91	153	3556	0.203	ng/ul	100
12) Fluorene	15.88	166	3937	0.190	ng/ul	97
14) Pentachlorophenol	17.21	266	475	0.142	ng/ul	98
15) Phenanthrene	17.60	178	6057	0.204	ng/ul	97
16) Anthracene	17.69	178	5155	0.177	ng/ul	97
19) Fluoranthene	19.59	202	6220	0.200	ng/ul	98
20) Pyrene	19.94	202	6272	0.202	ng/ul	96
21) Benzo(a)anthracene	21.66	228	5143	0.177	ng/ul	98
22) Chrysene	21.71	228	5571	0.187	ng/ul	99
24) Benzo(b)fluoranthene	23.32	252	5520	0.194	ng/ul	81
25) Benzo(k)fluoranthene	23.37	252	5297	0.187	ng/ul#	84
26) Benzo(a)pyrene	23.94	252	4567	0.177	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.47	276	5928	0.196	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.49	278	5000	0.199	ng/ul#	89
29) Benzo(g,h,i)perylene	27.22	276	5323	0.209	ng/ul	97

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

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