Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011121\
Data File : BM028365.D
Acq On : 11 Jan 2021 10:57
Operator : CG/JU
Sample : SSTD0.401
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD0.4001

Quant Time: Jan 11 11:36:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM011121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 11 11:35:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	444	0.40	ng/ul	0.00
4) Naphthalene-d8	10.95	136	1665	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.76	164	839	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.48	188	1584	0.40	ng/ul	0.00
17) Chrysene-d12	21.60	240	1160	0.40	ng/ul	0.00
23) Perylene-d12	23.92	264	1020	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	210	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.53	152	1011	0.40	ng/ul	0.00
18) Fluoranthene-d10	19.48	212	1538	0.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	210	0.374	ng/ul	100
5) Naphthalene	11.00	128	2003	0.426	ng/ul	100
7) 2-Methylnaphthalene	12.60	142	1284	0.414	ng/ul	100
8) 1-Methylnaphthalene	12.82	142	1224	0.413	ng/ul	100
10) Acenaphthylene	14.48	152	1514	0.447	ng/ul	100
11) Acenaphthene	14.82	153	1306	0.439	ng/ul	100
12) Fluorene	15.80	166	1427	0.422	ng/ul	100
14) Pentachlorophenol	17.13	266	140	0.348	ng/ul	100
15) Phenanthrene	17.52	178	2120	0.436	ng/ul	100
16) Anthracene	17.61	178	1829	0.429	ng/ul	100
19) Fluoranthene	19.51	202	2100	0.461	ng/ul	100
20) Pyrene	19.87	202	2079	0.457	ng/ul	100
21) Benzo(a)anthracene	21.58	228	1646	0.430	ng/ul	100
22) Chrysene	21.63	228	1816	0.441	ng/ul	100
24) Benzo(b)fluoranthene	23.22	252	1825	0.445	ng/ul	100
25) Benzo(k)fluoranthene	23.26	252	1737	0.441	ng/ul	100
26) Benzo(a)pyrene	23.82	252	1526	0.450	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.30	276	2016	0.490	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.31	278	1647	0.478	ng/ul	100
29) Benzo(g,h,i)perylene	27.03	276	1803	0.503	ng/ul	100

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

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