Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111921\
Data File : BM033174.D
Acq On : 19 Nov 2021 13:52
Operator : CG/JU
Sample : SSTD0.859
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 19 15:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:17:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	2404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	6505	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.583	164	3744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	7980	0.400	ng/ul	0.00
17) Chrysene-d12	21.472	240	6670	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	5487	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.420	96	1793	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	7028	0.761	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	15035	0.744	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	2137	0.678	ng/ul	91
5) Naphthalene	10.810	128	15664	0.829	ng/ul	98
7) 2-Methylnaphthalene	12.415	142	10238	0.782	ng/ul	98
8) 1-Methylnaphthalene	12.631	142	10140	0.791	ng/ul	100
10) Acenaphthylene	14.303	152	13771	0.846	ng/ul#	99
11) Acenaphthene	14.644	153	11237	0.791	ng/ul	99
12) Fluorene	15.626	166	12771	0.762	ng/ul	98
14) Pentachlorophenol	16.965	266	2097	1.009	ng/ul	96
15) Phenanthrene	17.357	178	20188	0.761	ng/ul	99
16) Anthracene	17.451	178	18051	0.775	ng/ul	99
19) Fluoranthene	19.360	202	22490	0.719	ng/ul	97
20) Pyrene	19.722	202	22479	0.691	ng/ul	96
21) Benzo(a)anthracene	21.455	228	17651	0.717	ng/ul	99
22) Chrysene	21.508	228	18994	0.684	ng/ul	99
24) Benzo(b)fluoranthene	23.099	252	18529	0.736	ng/ul	94
25) Benzo(k)fluoranthene	23.148	252	18262m	0.677	ng/ul	
26) Benzo(a)pyrene	23.708	252	15780	0.760	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.208	276	20037	0.839	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.223	278	16068	0.850	ng/ul#	92
29) Benzo(g,h,i)perylene	26.942	276	17637	0.851	ng/ul#	92

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

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