Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035107.D
Acq On : 16 May 2022 16:58
Operator : CG/JU
Sample : PB144678BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS678

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 09:59:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3611	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	11582	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.552	164	7239	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	15389	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.477	240	11085	0.400	ng/ul	0.00
23) Perylene-d12	23.865	264	8892	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2770	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	6616	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	14688	0.386	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	6806m	1.567	ng/ul	
5) Naphthalene	10.765	128	11942	0.312	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	8033	0.320	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	8013	0.343	ng/ul	99
10) Acenaphthylene	14.270	152	13018	0.304	ng/ul#	90
11) Acenaphthene	14.612	153	9466	0.306	ng/ul	96
12) Fluorene	15.597	166	10879	0.301	ng/ul#	97
14) Pentachlorophenol	16.946	266	3157	0.543	ng/ul	97
15) Phenanthrene	17.334	178	17766	0.303	ng/ul	95
16) Anthracene	17.427	178	16146	0.302	ng/ul#	91
19) Fluoranthene	19.350	202	20166	0.324	ng/ul	97
20) Pyrene	19.712	202	20341	0.322	ng/ul	98
21) Benzo(a)anthracene	21.459	228	15924	0.310	ng/ul	98
22) Chrysene	21.512	228	16572	0.310	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	14698	0.315	ng/ul	91
25) Benzo(k)fluoranthene	23.186	252	14086	0.317	ng/ul#	90
26) Benzo(a)pyrene	23.756	252	13355	0.315	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.336	276	14534	0.346	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.356	278	11724	0.351	ng/ul	91
29) Benzo(g,h,i)perylene	27.094	276	12479	0.346	ng/ul	93

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

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