Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042971.D
Acq On : 23 Nov 2023 02:36
Operator : MA/JU
Sample : PB157006BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS006

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 23 03:07:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 22 10:35:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	464	0.400	ng/ul	0.04
4) Naphthalene-d8	10.651	136	1300	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.470	164	683	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	1446	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.417	240	1010	0.400	ng/ul	0.00
23) Perylene-d12	23.776	264	1430	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	690	0.946	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.267	152	552	0.337	ng/ul	0.03
18) Fluoranthene-d10	19.262	212	1216	0.369	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	1867	2.302	ng/ul#	53
5) Naphthalene	10.706	128	1359	0.332	ng/ul#	87
7) 2-Methylnaphthalene	12.333	142	752	0.314	ng/ul	98
8) 1-Methylnaphthalene	12.531	142	759	0.301	ng/ul	95
10) Acenaphthylene	14.206	152	1451	0.320	ng/ul#	91
11) Acenaphthene	14.539	153	1081	0.340	ng/ul	97
12) Fluorene	15.543	166	1105	0.323	ng/ul	95
14) Pentachlorophenol	16.896	266	477	0.593	ng/ul	94
15) Phenanthrene	17.281	178	1699	0.334	ng/ul#	92
16) Anthracene	17.395	178	1513m	0.287	ng/ul	
19) Fluoranthene	19.295	202	2283	0.358	ng/ul#	96
20) Pyrene	19.657	202	2491	0.363	ng/ul	95
21) Benzo(a)anthracene	21.409	228	1436	0.303	ng/ul	97
22) Chrysene	21.455	228	2338	0.382	ng/ul	98
24) Benzo(b)fluoranthene	23.045	252	2002	0.348	ng/ul	97
25) Benzo(k)fluoranthene	23.098	252	2688	0.375	ng/ul	97
26) Benzo(a)pyrene	23.674	252	2115	0.358	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.238	276	2884	0.365	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.262	278	2132	0.362	ng/ul	100
29) Benzo(g,h,i)perylene	27.003	276	2678	0.398	ng/ul	97

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

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