Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042952.D
Acq On : 22 Nov 2023 15:04
Operator : MA/JU
Sample : PB157010BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS010

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

Quant Time: Nov 23 00:11:11 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	7.868	152	548	0.400	ng/ul	0.03
4) Naphthalene-d8	10.645	136	1460	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.474	164	794	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	1684	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.420	240	1193	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1754	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	714	0.829	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	605	0.329	ng/ul	0.02
18) Fluoranthene-d10	19.262	212	1305	0.336	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	1971	2.058	ng/ul#	49
5) Naphthalene	10.695	128	1428	0.310	ng/ul#	87
7) 2-Methylnaphthalene	12.333	142	782	0.291	ng/ul	99
8) 1-Methylnaphthalene	12.526	142	869	0.307	ng/ul	99
10) Acenaphthylene	14.206	152	1573	0.298	ng/ul	94
11) Acenaphthene	14.539	153	1143	0.309	ng/ul	99
12) Fluorene	15.538	166	1172	0.295	ng/ul#	98
14) Pentachlorophenol	16.892	266	532	0.568	ng/ul	95
15) Phenanthrene	17.281	178	1759	0.297	ng/ul	92
16) Anthracene	17.386	178	1738m	0.283	ng/ul	
19) Fluoranthene	19.295	202	2347	0.311	ng/ul	98
20) Pyrene	19.657	202	2538	0.313	ng/ul	96
21) Benzo(a)anthracene	21.406	228	1522	0.272	ng/ul	98
22) Chrysene	21.458	228	2446	0.338	ng/ul	98
24) Benzo(b)fluoranthene	23.051	252	2031	0.288	ng/ul	98
25) Benzo(k)fluoranthene	23.101	252	2806	0.319	ng/ul	99
26) Benzo(a)pyrene	23.677	252	2223	0.307	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.252	276	2951	0.304	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.262	278	2184	0.302	ng/ul	95
29) Benzo(g,h,i)perylene	27.013	276	2674	0.324	ng/ul	99

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

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