Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042966.D
Acq On : 22 Nov 2023 23:34
Operator : MA/JU
Sample : PB157008BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS008

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

Quant Time: Nov 23 00:12:55 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	7.885	152	460	0.400	ng/ul		0.05
4) Naphthalene-d8	10.655	136	1252	0.400	ng/ul	#	0.02
9) Acenaphthene-d10	14.473	164	702	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.237	188	1505	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.421	240	1098	0.400	ng/ul		0.00
23) Perylene-d12	23.774	264	1616	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.168	96	623	0.862	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.266	152	534	0.338	ng/ul		0.03
18) Fluoranthene-d10	19.261	212	1247	0.348	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.202	88	1817	2.260	ng/ul	#	54
5) Naphthalene	10.704	128	1276	0.324	ng/ul	#	84
7) 2-Methylnaphthalene	12.337	142	738	0.320	ng/ul		97
8) 1-Methylnaphthalene	12.530	142	786	0.324	ng/ul		99
10) Acenaphthylene	14.205	152	1432	0.307	ng/ul	#	92
11) Acenaphthene	14.538	153	1068	0.327	ng/ul		98
12) Fluorene	15.542	166	1104	0.314	ng/ul	#	98
14) Pentachlorophenol	16.891	266	526	0.629	ng/ul		94
15) Phenanthrene	17.279	178	1683	0.318	ng/ul		95
16) Anthracene	17.389	178	1691m	0.308	ng/ul		
19) Fluoranthene	19.294	202	2290	0.330	ng/ul		96
20) Pyrene	19.656	202	2493	0.334	ng/ul		96
21) Benzo(a)anthracene	21.406	228	1570	0.305	ng/ul		97
22) Chrysene	21.453	228	2422	0.364	ng/ul		99
24) Benzo(b)fluoranthene	23.046	252	2123	0.327	ng/ul		98
25) Benzo(k)fluoranthene	23.098	252	2809	0.347	ng/ul		98
26) Benzo(a)pyrene	23.674	252	2183	0.327	ng/ul		98
27) Indeno(1,2,3-cd)pyrene	26.235	276	2991	0.335	ng/ul		95
28) Dibenzo(a,h)anthracene	26.262	278	2191	0.329	ng/ul		98
29) Benzo(g,h,i)perylene	27.013	276	2720	0.358	ng/ul		96

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

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