Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112223\
Data File : BM042951.D
Acq On : 22 Nov 2023 14:27
Operator : MA/JU
Sample : PB157008BS
Misc :
ALS Vial : 9 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 00:11:00 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	544	0.400	ng/ul	0.03
4) Naphthalene-d8	10.645	136	1518	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.474	164	811	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.238	188	1720	0.400	ng/ul	0.00
17) Chrysene-d12	21.420	240	1189	0.400	ng/ul	0.00
23) Perylene-d12	23.779	264	1686	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	640	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	656	0.343	ng/ul	0.01
18) Fluoranthene-d10	19.262	212	1458	0.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.202	88	1973	2.075	ng/ul#	48
5) Naphthalene	10.700	128	1550	0.324	ng/ul#	87
7) 2-Methylnaphthalene	12.328	142	851	0.304	ng/ul	97
8) 1-Methylnaphthalene	12.526	142	923	0.314	ng/ul	99
10) Acenaphthylene	14.206	152	1735	0.322	ng/ul	95
11) Acenaphthene	14.534	153	1258	0.333	ng/ul	97
12) Fluorene	15.543	166	1287	0.317	ng/ul	95
14) Pentachlorophenol	16.892	266	598	0.625	ng/ul	92
15) Phenanthrene	17.276	178	1940	0.321	ng/ul	93
16) Anthracene	17.382	178	1906m	0.304	ng/ul	
19) Fluoranthene	19.290	202	2636	0.351	ng/ul	98
20) Pyrene	19.657	202	2798	0.347	ng/ul	99
21) Benzo(a)anthracene	21.406	228	1724	0.309	ng/ul	96
22) Chrysene	21.455	228	2650	0.368	ng/ul	98
24) Benzo(b)fluoranthene	23.048	252	2131	0.314	ng/ul	99
25) Benzo(k)fluoranthene	23.101	252	2962	0.351	ng/ul	98
26) Benzo(a)pyrene	23.683	252	2312	0.332	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.245	276	2993	0.321	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.262	278	2217	0.319	ng/ul	97
29) Benzo(g,h,i)perylene	27.013	276	2638	0.333	ng/ul	98

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

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