Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042999.D
Acq On : 25 Nov 2023 03:36
Operator : MA/JU
Sample : PB157096BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS096

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 25 04:13:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.910	152	570	0.400 ng/ul	0.03
4) Naphthalene-d8	10.660	136	2151	0.400 ng/ul	0.01
9) Acenaphthene-d10	14.473	164	1376	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.245	188	2909	0.400 ng/ul	0.00
17) Chrysene-d12	21.424	240	1826	0.400 ng/ul	0.00
23) Perylene-d12	23.776	264	2130	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.168	96	631	0.721 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.271	152	927	0.322 ng/ul	0.02
18) Fluoranthene-d10	19.266	212	2210	0.332 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.202	88	1838	1.957 ng/ul#	86
5) Naphthalene	10.715	128	1754	0.300 ng/ul	93
7) 2-Methylnaphthalene	12.343	142	1015	0.294 ng/ul	98
8) 1-Methylnaphthalene	12.530	142	1116	0.290 ng/ul	95
10) Acenaphthylene	14.205	152	2051	0.292 ng/ul	97
11) Acenaphthene	14.538	153	1611	0.303 ng/ul	98
12) Fluorene	15.546	166	1699	0.311 ng/ul#	98
14) Pentachlorophenol	16.895	266	489	0.621 ng/ul	97
15) Phenanthrene	17.279	178	2531	0.305 ng/ul	99
16) Anthracene	17.402	178	2037m	0.259 ng/ul	
19) Fluoranthene	19.298	202	3255	0.314 ng/ul	98
20) Pyrene	19.661	202	3458	0.314 ng/ul	99
21) Benzo(a)anthracene	21.415	228	1872	0.316 ng/ul	100
22) Chrysene	21.462	228	3642	0.330 ng/ul	99
24) Benzo(b)fluoranthene	23.054	252	2532	0.352 ng/ul	99
25) Benzo(k)fluoranthene	23.101	252	3504	0.354 ng/ul	98
26) Benzo(a)pyrene	23.683	252	2504	0.319 ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.262	276	3292	0.310 ng/ul#	100
28) Dibenzo(a,h)anthracene	26.286	278	2489	0.303 ng/ul	95
29) Benzo(g,h,i)perylene	27.020	276	3234	0.313 ng/ul	99

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

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