Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045502.D
Acq On : 23 Apr 2024 05:06
Operator : MA/JU
Sample : PB160252BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 23 08:33:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS252

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.572	152	1012	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.342	136	3552	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.214	164	2079	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	4438	0.400	ng/ul	-0.02
17) Chrysene-d12	21.202	240	3434	0.400	ng/ul	#-0.01
23) Perylene-d12	23.391	264	3943	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	937	0.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1747	0.373	ng/ul	-0.03
18) Fluoranthene-d10	19.024	212	4019	0.372	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	2625m	2.012	ng/ul	
5) Naphthalene	10.391	128	3415	0.358	ng/ul	97
7) 2-Methylnaphthalene	12.024	142	2097	0.385	ng/ul	96
8) 1-Methylnaphthalene	12.233	142	2261	0.370	ng/ul	99
10) Acenaphthylene	13.937	152	3880	0.378	ng/ul	96
11) Acenaphthene	14.274	153	2740	0.360	ng/ul	97
12) Fluorene	15.288	166	3042	0.374	ng/ul	99
14) Pentachlorophenol	16.655	266	813	0.919	ng/ul	93
15) Phenanthrene	17.026	178	4657	0.360	ng/ul	98
16) Anthracene	17.132	178	4665	0.386	ng/ul	100
19) Fluoranthene	19.057	202	5933	0.374	ng/ul	96
20) Pyrene	19.419	202	6448	0.396	ng/ul	97
21) Benzo(a)anthracene	21.190	228	4601	0.419	ng/ul#	85
22) Chrysene	21.237	228	5795	0.343	ng/ul#	83
24) Benzo(b)fluoranthene	22.736	252	5154	0.389	ng/ul#	1
25) Benzo(k)fluoranthene	22.783	252	6046	0.361	ng/ul#	1
26) Benzo(a)pyrene	23.303	252	5074	0.369	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.588	276	7090	0.355	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.605	278	5653	0.357	ng/ul#	1
29) Benzo(g,h,i)perylene	26.249	276	5843	0.325	ng/ul#	33

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

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