Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045376.D
Acq On : 19 Apr 2024 04:10
Operator : MA/JU
Sample : PB160255BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 19 04:44:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS255

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.631	152	718	0.400	ng/ul	# 0.02
4) Naphthalene-d8	10.397	136	2138	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.242	164	1141	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.014	188	2578	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.220	240	2046	0.400	ng/ul	# 0.00
23) Perylene-d12	23.417	264	2645	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	723	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.002	152	989	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.048	212	2276	0.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.209	88	1871	2.069	ng/ul#	84
5) Naphthalene	10.446	128	2094	0.369	ng/ul#	86
7) 2-Methylnaphthalene	12.085	142	1183	0.349	ng/ul	98
8) 1-Methylnaphthalene	12.277	142	1235	0.334	ng/ul	97
10) Acenaphthylene	13.969	152	2087	0.367	ng/ul#	90
11) Acenaphthene	14.302	153	1542	0.378	ng/ul	95
12) Fluorene	15.325	166	1726	0.378	ng/ul#	97
14) Pentachlorophenol	16.676	266	474	0.784	ng/ul	98
15) Phenanthrene	17.056	178	2744	0.378	ng/ul	94
16) Anthracene	17.166	178	2375m	0.332	ng/ul	
19) Fluoranthene	19.080	202	3423	0.468	ng/ul#	94
20) Pyrene	19.443	202	3557	0.461	ng/ul#	94
21) Benzo(a)anthracene	21.211	228	2904	0.408	ng/ul	96
22) Chrysene	21.255	228	4073	0.458	ng/ul	96
24) Benzo(b)fluoranthene	22.759	252	4147	0.434	ng/ul	97
25) Benzo(k)fluoranthene	22.803	252	5109	0.478	ng/ul	93
26) Benzo(a)pyrene	23.330	252	4140	0.454	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.635	276	6059	0.485	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.652	278	4735	0.478	ng/ul#	90
29) Benzo(g,h,i)perylene	26.299	276	5386	0.500	ng/ul	94

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

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