Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034629.D
Acq On : 12 Apr 2022 19:53
Operator : CG/JU
Sample : PB144046BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS046

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/13/2022
Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 13 05:01:36 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 15:46:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	1321	0.400	ng/ul	0.00
4) Naphthalene-d8	10.711	136	4609	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.534	164	2460	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.284	188	3515	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	3378	0.400	ng/ul	# 0.00
23) Perylene-d12	23.852	264	2556	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	2112	0.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2466	0.404	ng/ul	0.01
18) Fluoranthene-d10	19.313	212	4608	0.469	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	5318	2.346	ng/ul#	82
5) Naphthalene	10.766	128	5178	0.388	ng/ul	95
7) 2-Methylnaphthalene	12.388	142	2901	0.364	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	2969	0.369	ng/ul	99
10) Acenaphthylene	14.261	152	4773	0.413	ng/ul	95
11) Acenaphthene	14.599	153	3574	0.387	ng/ul	97
12) Fluorene	15.593	166	3556	0.374	ng/ul	100
14) Pentachlorophenol	16.947	266	1180	0.866	ng/ul	97
15) Phenanthrene	17.331	178	4690	0.413	ng/ul	99
16) Anthracene	17.436	178	3303	0.380	ng/ul	99
19) Fluoranthene	19.341	202	5840	0.418	ng/ul#	96
20) Pyrene	19.699	202	7227	0.438	ng/ul#	92
21) Benzo(a)anthracene	21.464	228	2696m	0.382	ng/ul	
22) Chrysene	21.505	228	3777	0.424	ng/ul	98
24) Benzo(b)fluoranthene	23.121	252	3748m	0.446	ng/ul	
25) Benzo(k)fluoranthene	23.170	252	3655	0.434	ng/ul#	78
26) Benzo(a)pyrene	23.752	252	4914	0.509	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.345	276	5574	0.435	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.405	278	4133	0.446	ng/ul#	55
29) Benzo(g,h,i)perylene	27.086	276	6335	0.454	ng/ul#	93

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

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