Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035109.D
Acq On : 16 May 2022 18:12
Operator : CG/JU
Sample : PB144633BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS633

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 00:51:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2890	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	9154	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	5865	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	12644	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.473	240	9439	0.400	ng/ul	0.00
23) Perylene-d12	23.861	264	7680	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	2404	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	5698	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	13219	0.408	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	5851m	1.683	ng/ul	
5) Naphthalene	10.765	128	10285	0.340	ng/ul#	88
7) 2-Methylnaphthalene	12.382	142	6978	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	7012	0.380	ng/ul	99
10) Acenaphthylene	14.270	152	11589	0.334	ng/ul#	90
11) Acenaphthene	14.613	153	8480	0.338	ng/ul	97
12) Fluorene	15.598	166	9881	0.337	ng/ul#	98
14) Pentachlorophenol	16.947	266	2948	0.617	ng/ul	98
15) Phenanthrene	17.335	178	16293	0.338	ng/ul	95
16) Anthracene	17.428	178	14724	0.336	ng/ul#	92
19) Fluoranthene	19.350	202	18752	0.354	ng/ul	96
20) Pyrene	19.713	202	18875	0.351	ng/ul	99
21) Benzo(a)anthracene	21.458	228	15375	0.352	ng/ul	97
22) Chrysene	21.508	228	16298	0.359	ng/ul	98
24) Benzo(b)fluoranthene	23.133	252	14578	0.362	ng/ul	91
25) Benzo(k)fluoranthene	23.182	252	14163	0.368	ng/ul#	91
26) Benzo(a)pyrene	23.755	252	13217	0.361	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.332	276	14788	0.408	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.352	278	12016	0.417	ng/ul	91
29) Benzo(g,h,i)perylene	27.086	276	12647	0.406	ng/ul	94

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

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