Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035638.D
Acq On : 23 Jun 2022 23:31
Operator : CG/JU
Sample : PB145603BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS603

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 25 07:57:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	3868	0.400	ng/ul	0.03
4) Naphthalene-d8	10.650	136	17098	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	9045	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	19220	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	15128	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	11701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3838	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	7795	0.307	ng/ul	0.02
18) Fluoranthene-d10	19.252	212	19404	0.382	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.298	88	11665	2.153	ng/ul#	54
5) Naphthalene	10.704	128	20214	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.332	142	11147	0.337	ng/ul	96
8) 1-Methylnaphthalene	12.525	142	11069	0.364	ng/ul	99
10) Acenaphthylene	14.200	152	19225	0.377	ng/ul	99
11) Acenaphthene	14.533	153	14632	0.388	ng/ul	99
12) Fluorene	15.542	166	16832	0.395	ng/ul	100
14) Pentachlorophenol	16.925	266	2787	0.756	ng/ul	98
15) Phenanthrene	17.271	178	27054	0.384	ng/ul	99
16) Anthracene	17.377	178	22992	0.373	ng/ul	99
19) Fluoranthene	19.280	202	32711	0.423	ng/ul	99
20) Pyrene	19.642	202	36440	0.449	ng/ul	99
21) Benzo(a)anthracene	21.401	228	21701	0.379	ng/ul	99
22) Chrysene	21.444	228	29439	0.433	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	22898m	0.447	ng/ul	
25) Benzo(k)fluoranthene	23.093	252	23455	0.441	ng/ul	95
26) Benzo(a)pyrene	23.663	252	23307	0.439	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.212	276	26086	0.426	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.222	278	21185	0.424	ng/ul	97
29) Benzo(g,h,i)perylene	26.943	276	23894	0.436	ng/ul	98

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

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