Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
Data File : BM039337.D
Acq On : 07 Apr 2023 04:00
Operator : CG/JU
Sample : PB151753BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 07 04:38:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 23:58:10 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS753

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/07/2023
Supervised By :Jagrut Upadhyay 04/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4591	0.400	ng/ul	0.00
4) Naphthalene-d8	10.697	136	20958	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.532	164	12881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	22930	0.400	ng/ul	0.00
17) Chrysene-d12	21.469	240	19775	0.400	ng/ul	# 0.00
23) Perylene-d12	23.860	264	19537	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	5606	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.291	152	9428	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.315	212	21881	0.355	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	14369	1.579	ng/ul#	77
5) Naphthalene	10.741	128	18098	0.363	ng/ul	99
7) 2-Methylnaphthalene	12.363	142	10472	0.374	ng/ul	99
8) 1-Methylnaphthalene	12.577	142	11868	0.374	ng/ul	100
10) Acenaphthylene	14.254	152	17921	0.359	ng/ul	99
11) Acenaphthene	14.597	153	14208	0.361	ng/ul	99
12) Fluorene	15.587	166	15005	0.383	ng/ul	100
14) Pentachlorophenol	16.945	266	3693	0.675	ng/ul#	83
15) Phenanthrene	17.325	178	22019	0.346	ng/ul	100
16) Anthracene	17.422	178	17461	0.361	ng/ul	98
19) Fluoranthene	19.343	202	28017	0.342	ng/ul	100
20) Pyrene	19.706	202	31779	0.339	ng/ul	99
21) Benzo(a)anthracene	21.454	228	19522	0.428	ng/ul	100
22) Chrysene	21.507	228	22933	0.410	ng/ul	99
24) Benzo(b)fluoranthene	23.129	252	23823m	0.384	ng/ul	
25) Benzo(k)fluoranthene	23.179	252	23711	0.401	ng/ul	96
26) Benzo(a)pyrene	23.755	252	22640	0.362	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.341	276	25406	0.323	ng/ul	97
28) Dibenzo(a,h)anthracene	26.361	278	18773	0.341	ng/ul	95
29) Benzo(g,h,i)perylene	27.095	276	22647	0.300	ng/ul	98

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

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