Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041506.D
Acq On : 25 Aug 2023 22:51
Operator : MA/JU
Sample : 04037-14
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Sep 23 07:12:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EZYH3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	13683	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	38163	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.759	164	18046	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.515	188	28386	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.705	240	12225	0.400	ng/ul	# 0.00
23) Perylene-d12	24.284	264	15106	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	97012	5.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.528	152	14421	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.534	212	16109	0.299	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.486	88	1409	0.079	ng/ul#	36
5) Naphthalene	10.999	128	699608	6.151	ng/ul	100
7) 2-Methylnaphthalene	12.599	142	179959	2.634	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	116270	1.673	ng/ul	99
10) Acenaphthylene	14.486	152	14001	0.129	ng/ul#	60
11) Acenaphthene	14.819	153	72830	0.966	ng/ul	98
12) Fluorene	15.804	166	97727	1.158	ng/ul	96
15) Phenanthrene	17.557	178	1108351	10.635	ng/ul	98
16) Anthracene	17.650	178	235633	2.485	ng/ul#	96
19) Fluoranthene	19.566	202	1859533	16.573	ng/ul	100
20) Pyrene	19.933	202	1632619m	14.426	ng/ul	
21) Benzo(a)anthracene	21.688	228	428749	5.389	ng/ul#	93
22) Chrysene	21.743	228	439002	5.107	ng/ul#	93
24) Benzo(b)fluoranthene	23.483	252	484160	4.680	ng/ul#	69
25) Benzo(k)fluoranthene	23.532	252	160168m	1.547	ng/ul	
26) Benzo(a)pyrene	24.167	252	349357	4.110	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	27.008	276	244727	2.304	ng/ul#	85
28) Dibenzo(a,h)anthracene	27.032	278	52174	0.642	ng/ul#	1
29) Benzo(g,h,i)perylene	27.860	276	263027	2.812	ng/ul	94

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

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