Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040542.D
Acq On : 02 Jul 2023 16:17
Operator : MA/JU
Sample : 03243-11
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGD1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 03 02:21:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	6690	0.400	ng/ul	0.00
4) Naphthalene-d8	10.739	136	24062	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.572	164	14730	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	28511	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	19712	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	20377	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	37210	3.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	8644	0.256	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	16905	0.268	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.789	128	119595	1.802	ng/ul	99
7) 2-Methylnaphthalene	12.400	142	136721	3.508	ng/ul	99
8) 1-Methylnaphthalene	12.615	142	95887	2.461	ng/ul	100
10) Acenaphthylene	14.295	152	170227	2.587	ng/ul	98
11) Acenaphthene	14.632	153	7535	0.136	ng/ul	91
12) Fluorene	15.623	166	11219	0.189	ng/ul#	84
14) Pentachlorophenol	16.977	266	265	0.048	ng/ul	90
15) Phenanthrene	17.362	178	402976	4.550	ng/ul	99
16) Anthracene	17.455	178	183063	2.460	ng/ul	99
19) Fluoranthene	19.379	202	1191503	14.230	ng/ul#	94
20) Pyrene	19.742	202	1232225	13.727	ng/ul	96
21) Benzo(a)anthracene	21.488	228	834662	12.518	ng/ul	98
22) Chrysene	21.541	228	945099	12.426	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	1566778	19.868	ng/ul	87
25) Benzo(k)fluoranthene	23.227	252	495631m	6.377	ng/ul	
26) Benzo(a)pyrene	23.812	252	737974	10.389	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.424	276	699664	7.072	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.434	278	177898	2.297	ng/ul	95
29) Benzo(g,h,i)perylene	27.202	276	591924	6.827	ng/ul	94

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

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