Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041376.D
Acq On : 10 Aug 2023 23:21
Operator : MA/JU
Sample : 03954-13 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-19

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

Quant Time: Aug 11 03:37:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	66880	20.000	ng		0.00
21) Naphthalene-d8	10.575	136	248160	20.000	ng		-0.01
39) Acenaphthene-d10	14.439	164	146526	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	301857	20.000	ng		# 0.00
76) Chrysene-d12	21.421	240	323463	20.000	ng		0.00
86) Perylene-d12	23.785	264	415033	20.000	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	150891	33.720	ng		0.00
7) Phenol-d6	6.957	99	171649	29.592	ng		-0.01
23) Nitrobenzene-d5	8.951	82	108877	20.403	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	70674	34.100	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	263079	22.681	ng		-0.01
79) Terphenyl-d14	19.839	244	389654	21.780	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.987	94	20864	3.724	ng		78
17) 2-Methylphenol	8.239	107	9989	2.610	ng	#	87
20) 3+4-Methylphenols	8.581	107	30085	5.879	ng		95
27) 2,4-Dimethylphenol	9.775	122	16286m	4.387	ng		
31) Naphthalene	10.627	128	4412333	327.651	ng		100
37) 2-Methylnaphthalene	12.245	142	1110326	122.297	ng		99
38) 1-Methylnaphthalene	12.469	142	719731	84.701	ng		99
46) 1,1'-Biphenyl	13.269	154	334104	28.126	ng		99
49) Acenaphthylene	14.163	152	408930	28.565	ng	#	97
52) Acenaphthene	14.504	154	1668393	193.451	ng		100
55) Dibenzofuran	14.845	168	2254119	160.195	ng		99
58) Fluorene	15.498	166	2584680	232.843	ng		99
71) Phenanthrene	17.256	178	20410014m	1216.958	ng		
72) Anthracene	17.345	178	6360852	383.480	ng		99
73) Carbazole	17.621	167	2574122	171.459	ng		100
75) Fluoranthene	19.286	202	19621525	1041.358	ng		89
78) Pyrene	19.650	202	19302025	853.309	ng	#	88
81) Benzo(a)anthracene	21.409	228	11229933	512.123	ng		97
83) Chrysene	21.462	228	10428991	491.705	ng		95
87) Indeno(1,2,3-cd)pyrene	26.256	276	6419803	210.390	ng	#	91
88) Benzo(b)fluoranthene	23.086	252	12897902	523.125	ng		97
89) Benzo(k)fluoranthene	23.121	252	4133765m	163.906	ng		
90) Benzo(a)pyrene	23.697	252	9948828m	419.950	ng		
91) Dibenzo(a,h)anthracene	26.250	278	1759120m	69.118	ng		
92) Benzo(g,h,i)perylene	27.009	276	6374656	255.974	ng	#	94

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

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