Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038779.D
Acq On : 17 Feb 2023 17:57
Operator : CG/JU
Sample : 01552-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 17 23:23:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 23:12:31 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SB-03-0-2.0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	79736	20.000	ng	-0.03
21) Naphthalene-d8	10.692	136	300913	20.000	ng	#-0.03
39) Acenaphthene-d10	14.533	164	191527	20.000	ng	-0.03
64) Phenanthrene-d10	17.286	188	381708	20.000	ng	#-0.02
76) Chrysene-d12	21.468	240	315851	20.000	ng	-0.02
86) Perylene-d12	23.862	264	281490	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	453206	111.341	ng	-0.02
7) Phenol-d6	7.063	99	547115	117.851	ng	-0.02
23) Nitrobenzene-d5	9.063	82	321865	60.755	ng	-0.03
42) 2,4,6-Tribromophenol	16.033	330	290711	111.671	ng	-0.02
45) 2-Fluorobiphenyl	13.157	172	927663	61.663	ng	-0.03
79) Terphenyl-d14	19.909	244	1501479	83.888	ng	-0.02
Target Compounds						Qvalue
49) Acenaphthylene	14.257	152	54205	2.883	ng	98
52) Acenaphthene	14.598	154	37784	3.365	ng	96
55) Dibenzofuran	14.933	168	79266	4.100	ng	95
58) Fluorene	15.580	166	92693	6.059	ng	96
71) Phenanthrene	17.327	178	1560015	68.830	ng	99
72) Anthracene	17.415	178	376979	16.259	ng	99
73) Carbazole	17.692	167	79204	3.663	ng	94
75) Fluoranthene	19.351	202	2276147	95.649	ng	99
78) Pyrene	19.709	202	1826123	75.095	ng	99
81) Benzo(a)anthracene	21.456	228	809823	36.246	ng	98
83) Chrysene	21.509	228	585964	27.220	ng	96
84) Bis(2-ethylhexyl)phtha...	21.368	149	71015	5.401	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.338	276	362492	16.349	ng	97
88) Benzo(b)fluoranthene	23.133	252	741525	43.981	ng	98
89) Benzo(k)fluoranthene	23.174	252	260425m	15.211	ng	
90) Benzo(a)pyrene	23.756	252	540034	32.389	ng	98
91) Dibenzo(a,h)anthracene	26.338	278	93166	4.994	ng	# 80
92) Benzo(g,h,i)perylene	27.109	276	340158	18.040	ng	98

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

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