Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012023\
Data File : BG056377.D
Acq On : 20 Jan 2023 21:32
Operator : CG/JU
Sample : 01234-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 23 00:02:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:31:30 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
EO-02-11923

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.306	152	52193	20.000	ng		0.00
21) Naphthalene-d8	11.138	136	186596	20.000	ng		0.00
39) Acenaphthene-d10	14.921	164	127288	20.000	ng		0.00
64) Phenanthrene-d10	17.665	188	279289	20.000	ng		0.00
76) Chrysene-d12	21.966	240	261855	20.000	ng		# 0.01
86) Perylene-d12	25.421	264	171986	20.000	ng		# 0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.832	112	248172	84.898	ng		0.00
7) Phenol-d6	7.448	99	337647	75.214	ng		0.00
23) Nitrobenzene-d5	9.481	82	183779	50.379	ng		0.00
42) 2,4,6-Tribromophenol	16.402	330	131035	81.283	ng		0.00
45) 2-Fluorobiphenyl	13.546	172	520673	56.486	ng		0.00
79) Terphenyl-d14	20.239	244	756927	51.773	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.190	128	285336	29.056	ng		99
37) 2-Methylnaphthalene	12.771	142	175421	21.156	ng		99
38) 1-Methylnaphthalene	12.988	142	185952	24.150	ng		99
46) 1,1'-Biphenyl	13.758	154	63521	6.968	ng		99
49) Acenaphthylene	14.651	152	42961	3.669	ng	#	76
52) Acenaphthene	14.986	154	269918	35.443	ng		99
55) Dibenzofuran	15.315	168	478553	37.973	ng		97
58) Fluorene	15.967	166	702477	69.303	ng		99
71) Phenanthrene	17.718	178	4525965m	312.704	ng		
72) Anthracene	17.800	178	1197177	80.183	ng		98
73) Carbazole	18.059	167	514183	40.970	ng		99
75) Fluoranthene	19.716	202	5058049	267.910	ng		88
78) Pyrene	20.074	202	4396547	238.209	ng	#	87
81) Benzo(a)anthracene	21.948	228	2476314	134.641	ng		95
83) Chrysene	22.025	228	2287814	132.798	ng	#	93
87) Indeno(1,2,3-cd)pyrene	29.404	276	370008	29.582	ng		95
88) Benzo(b)fluoranthene	24.334	252	1632735	149.417	ng	#	93
89) Benzo(k)fluoranthene	24.387	252	1054888m	96.944	ng		
90) Benzo(a)pyrene	25.268	252	1405457	131.868	ng	#	94
91) Dibenzo(a,h)anthracene	29.451	278	96779	9.229	ng	#	72
92) Benzo(g,h,i)perylene	30.656	276	314150m	30.892	ng		

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

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