Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059961.D
Acq On : 5 Dec 2023 22:51
Operator : MA/JU
Sample : 05595-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-113023

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 23:26:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.964	152	129144	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	449805	20.000	ng	#	0.00
39) Acenaphthene-d10	14.597	164	418646	20.000	ng		0.00
64) Phenanthrene-d10	17.347	188	1247515	20.000	ng		0.00
76) Chrysene-d12	21.624	240	1731645	20.000	ng		0.00
86) Perylene-d12	24.826	264	2069199	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.525	112	92273	14.356	ng		0.00
7) Phenol-d6	7.112	99	123135	12.155	ng		0.00
23) Nitrobenzene-d5	9.115	82	90751	7.212	ng		0.00
42) 2,4,6-Tribromophenol	16.078	330	142818	10.603	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	292994	7.633	ng		0.00
79) Terphenyl-d14	19.967	244	810231	8.066	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.813	128	108482	4.692	ng		96
37) 2-Methylnaphthalene	12.423	142	99271	5.058	ng		89
38) 1-Methylnaphthalene	12.640	142	85288	4.450	ng	#	96
49) Acenaphthylene	14.321	152	85617	2.337	ng	#	94
52) Acenaphthene	14.656	154	116715	4.414	ng		91
55) Dibenzofuran	14.991	168	133600	2.996	ng	#	91
58) Fluorene	15.643	166	275621	7.262	ng		91
71) Phenanthrene	17.394	178	3363517	57.099	ng		98
72) Anthracene	17.482	178	976465	16.217	ng		100
73) Carbazole	17.746	167	122581	2.679	ng	#	91
75) Fluoranthene	19.409	202	6771680	69.948	ng		67
78) Pyrene	19.773	202	6651865	72.182	ng	#	67
81) Benzo(a)anthracene	21.606	228	5546307	48.005	ng	#	88
83) Chrysene	21.671	228	5159699m	47.633	ng		
87) Indeno(1,2,3-cd)pyrene	28.481	276	3955346	25.886	ng	#	100
88) Benzo(b)fluoranthene	23.816	252	7240114	56.609	ng		96
89) Benzo(k)fluoranthene	23.874	252	2774020m	22.259	ng		
90) Benzo(a)pyrene	24.679	252	5574919	48.808	ng		92
91) Dibenzo(a,h)anthracene	28.516	278	1008255	7.772	ng	#	89
92) Benzo(g,h,i)perylene	29.621	276	3629276	28.926	ng		93

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

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