Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059907.D
Acq On : 27 Nov 2023 19:12
Operator : MA/JU
Sample : 05446-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-111523B

Manual Integrations APPROVED
Reviewed By :Yogesh Patel

Quant Time: Nov 27 23:14:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 13:17:45 2023
Response via : Initial Calibration

11/28/2023
Supervised By :mohammad ahmed

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.306	152	32464	20.000	ng		0.00
21) Naphthalene-d8	11.156	136	138570	20.000	ng	#	0.00
39) Acenaphthene-d10	14.940	164	82996	20.000	ng		0.00
64) Phenanthrene-d10	17.689	188	162741	20.000	ng	#	0.00
76) Chrysene-d12	22.014	240	136483	20.000	ng	#	0.00
86) Perylene-d12	25.574	264	165613	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.803	112	142577	73.921	ng		0.00
7) Phenol-d6	7.437	99	209252	73.210	ng		0.00
23) Nitrobenzene-d5	9.511	82	190034	52.376	ng		0.00
42) 2,4,6-Tribromophenol	16.426	330	77875	82.697	ng		0.00
45) 2-Fluorobiphenyl	13.559	172	346464	56.190	ng		0.00
79) Terphenyl-d14	20.269	244	467740	50.592	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.209	128	165269	23.719	ng	#	93
37) 2-Methylnaphthalene	12.789	142	100477	17.121	ng		84
38) 1-Methylnaphthalene	13.001	142	49009m	9.056	ng		
49) Acenaphthylene	14.669	152	17914	2.347	ng		95
52) Acenaphthene	15.004	154	19195	4.182	ng		96
55) Dibenzofuran	15.333	168	16379	2.164	ng	#	96
58) Fluorene	15.980	166	20283	3.226	ng	#	95
70) Pentachlorophenol	17.313	266	13033	10.469	ng	#	80
71) Phenanthrene	17.730	178	138553	16.745	ng		95
72) Anthracene	17.824	178	42083	4.895	ng	#	87
75) Fluoranthene	19.728	202	221572	22.330	ng		99
78) Pyrene	20.092	202	221455	23.848	ng		95
81) Benzo(a)anthracene	21.990	228	137748	14.751	ng	#	89
83) Chrysene	22.061	228	127969	14.949	ng	#	90
87) Indeno(1,2,3-cd)pyrene	29.705	276	115269m	9.198	ng		
88) Benzo(b)fluoranthene	24.423	252	178471	19.662	ng	#	94
89) Benzo(k)fluoranthene	24.499	252	66814m	7.445	ng		
90) Benzo(a)pyrene	25.410	252	138767	14.324	ng	#	92
91) Dibenzo(a,h)anthracene	29.763	278	35492m	3.348	ng		
92) Benzo(g,h,i)perylene	31.009	276	98484m	9.790	ng		

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

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