Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112223\
Data File : BG059846.D
Acq On : 23 Nov 2023 10:37
Operator : MA/JU
Sample : 05445-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 24 00:19:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 01:51:38 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SOIL-3-1115

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/25/2023
Supervised By :mohammad ahmed 11/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.336	152	27030	20.000	ng		0.00
21) Naphthalene-d8	11.174	136	125038	20.000	ng		#-0.02
39) Acenaphthene-d10	14.958	164	105013	20.000	ng		-0.01
64) Phenanthrene-d10	17.713	188	208890	20.000	ng		0.00
76) Chrysene-d12	22.038	240	166665	20.000	ng		-0.01
86) Perylene-d12	25.628	264	198100	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.827	112	104915	65.330	ng		0.00
7) Phenol-d6	7.455	99	164999	69.332	ng		0.00
23) Nitrobenzene-d5	9.529	82	166628	50.895	ng		-0.01
42) 2,4,6-Tribromophenol	16.450	330	99962	83.896	ng		0.00
45) 2-Fluorobiphenyl	13.583	172	365541	46.855	ng		-0.01
79) Terphenyl-d14	20.287	244	529135	46.869	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.754	178	158206	14.896	ng		97
72) Anthracene	17.848	178	33663m	3.051	ng		
75) Fluoranthene	19.752	202	209754	16.469	ng		99
78) Pyrene	20.110	202	184462	16.267	ng		98
81) Benzo(a)anthracene	22.014	228	96607	8.472	ng		96
83) Chrysene	22.096	228	87620m	8.382	ng		
87) Indeno(1,2,3-cd)pyrene	29.764	276	66542	4.439	ng	#	96
88) Benzo(b)fluoranthene	24.464	252	115543	10.642	ng	#	96
89) Benzo(k)fluoranthene	24.535	252	32603	3.037	ng		96
90) Benzo(a)pyrene	25.451	252	88550	7.642	ng	#	81
92) Benzo(g,h,i)perylene	31.103	276	60299m	5.011	ng		

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

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