Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090222\
Data File : BG054845.D
Acq On : 2 Sep 2022 18:17
Operator : CG/JU
Sample : N4485-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 03 00:29:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
AP-PIPE-2-SOIL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.152	152	54513	20.000	ng		0.00
21) Naphthalene-d8	10.972	136	221020	20.000	ng		0.00
39) Acenaphthene-d10	14.780	164	138565	20.000	ng		0.00
64) Phenanthrene-d10	17.535	188	271485	20.000	ng		0.00
76) Chrysene-d12	21.836	240	244785	20.000	ng		0.01
86) Perylene-d12	25.220	264	228708	20.000	ng	#	0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.690	112	348856	111.438	ng		0.00
7) Phenol-d6	7.300	99	467096	109.104	ng		0.00
23) Nitrobenzene-d5	9.321	82	284595	67.597	ng		0.00
42) 2,4,6-Tribromophenol	16.272	330	171882	99.270	ng		0.00
45) 2-Fluorobiphenyl	13.405	172	638696	69.279	ng		0.00
79) Terphenyl-d14	20.132	244	818190	66.228	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.025	128	516000	43.514	ng		99
37) 2-Methylnaphthalene	12.623	142	419571	50.482	ng		98
38) 1-Methylnaphthalene	12.841	142	530725	65.633	ng		99
46) 1,1'-Biphenyl	13.616	154	250475	24.342	ng		99
49) Acenaphthylene	14.509	152	161424	12.518	ng	#	94
52) Acenaphthene	14.844	154	117170	14.145	ng		94
58) Fluorene	15.831	166	531429	51.826	ng		99
71) Phenanthrene	17.600	178	4337442m	299.916	ng		
72) Anthracene	17.670	178	153248	10.899	ng		99
75) Fluoranthene	19.592	202	3060307	173.948	ng		85
78) Pyrene	19.968	202	4531367	265.479	ng	#	71
81) Benzo(a)anthracene	21.818	228	1423605	85.774	ng		93
83) Chrysene	21.889	228	2029284	127.876	ng		90
84) Bis(2-ethylhexyl)phtha...	21.683	149	22241	2.168	ng	#	69
87) Indeno(1,2,3-cd)pyrene	29.122	276	751939	43.308	ng		95
88) Benzo(b)fluoranthene	24.151	252	1927610m	134.356	ng		
89) Benzo(k)fluoranthene	24.198	252	757451m	52.459	ng		
90) Benzo(a)pyrene	25.073	252	1936193	157.959	ng		99
91) Dibenzo(a,h)anthracene	29.163	278	153697	10.866	ng		94
92) Benzo(g,h,i)perylene	30.344	276	776749	54.356	ng		97

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

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