Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111822\
Data File : BG055706.D
Acq On : 19 Nov 2022 1:46
Operator : CG/JU
Sample : N5697-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-111722

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/21/2022
Supervised By :Jagrut Upadhyay 11/21/2022

Quant Time: Nov 19 02:28:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.253	152	57786	20.000	ng		0.00
21) Naphthalene-d8	11.085	136	232188	20.000	ng		0.00
39) Acenaphthene-d10	14.881	164	147481	20.000	ng		0.00
64) Phenanthrene-d10	17.625	188	298415	20.000	ng		0.00
76) Chrysene-d12	21.931	240	273963	20.000	ng		0.01
86) Perylene-d12	25.363	264	224932	20.000	ng		# 0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.785	112	130314	40.762	ng		0.00
7) Phenol-d6	7.401	99	171212	40.231	ng		0.01
23) Nitrobenzene-d5	9.422	82	110063	25.055	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	77357	37.250	ng		0.00
45) 2-Fluorobiphenyl	13.500	172	264579	26.876	ng		0.00
79) Terphenyl-d14	20.210	244	370444	27.045	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.138	128	275224	21.927	ng		99
37) 2-Methylnaphthalene	12.724	142	399431	42.502	ng		99
38) 1-Methylnaphthalene	12.942	142	296875	32.540	ng		98
46) 1,1'-Biphenyl	13.711	154	81139	7.550	ng		99
52) Acenaphthene	14.945	154	258970	28.806	ng		99
55) Dibenzofuran	15.274	168	201496	14.528	ng	#	89
58) Fluorene	15.921	166	527385	47.610	ng		97
66) n-Nitrosodiphenylamine	16.120	169	41171	5.006	ng		97
71) Phenanthrene	17.677	178	3140145m	194.995	ng		
72) Anthracene	17.766	178	1238534	79.156	ng		98
73) Carbazole	18.024	167	63695	4.528	ng	#	85
75) Fluoranthene	19.675	202	2444350	124.767	ng		93
78) Pyrene	20.039	202	3007308m	162.171	ng		
81) Benzo(a)anthracene	21.914	228	1536669m	81.437	ng		
83) Chrysene	21.984	228	1428528	79.524	ng		95
87) Indeno(1,2,3-cd)pyrene	29.317	276	201024	10.909	ng	#	89
88) Benzo(b)fluoranthene	24.276	252	844359	57.640	ng		96
89) Benzo(k)fluoranthene	24.334	252	489810m	33.544	ng		
90) Benzo(a)pyrene	25.210	252	902962	71.832	ng		96
91) Dibenzo(a,h)anthracene	29.346	278	57392m	3.811	ng		
92) Benzo(g,h,i)perylene	30.551	276	196641m	12.957	ng		

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

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