Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 04:49:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.176	152	49502	20.000	ng		0.00
21) Naphthalene-d8	11.002	136	197211	20.000	ng		0.00
39) Acenaphthene-d10	14.809	164	122647	20.000	ng		0.00
64) Phenanthrene-d10	17.553	188	250286	20.000	ng		0.00
76) Chrysene-d12	21.848	240	221355	20.000	ng		0.01
86) Perylene-d12	25.209	264	205003	20.000	ng	#	0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.714	112	123476	45.086	ng		0.01
7) Phenol-d6	7.336	99	160844	44.120	ng		0.00
23) Nitrobenzene-d5	9.351	82	102012	27.340	ng		0.00
42) 2,4,6-Tribromophenol	16.296	330	58496	33.871	ng		0.00
45) 2-Fluorobiphenyl	13.428	172	220456	26.929	ng		0.00
79) Terphenyl-d14	20.156	244	297493	26.881	ng		0.02
Target Compounds							Qvalue
31) Naphthalene	11.055	128	382608	35.889	ng		100
37) 2-Methylnaphthalene	12.647	142	180634	22.629	ng		99
38) 1-Methylnaphthalene	12.864	142	144728	18.677	ng		99
46) 1,1'-Biphenyl	13.640	154	46660	5.221	ng		98
49) Acenaphthylene	14.533	152	60340	5.275	ng	#	92
52) Acenaphthene	14.874	154	202406	27.073	ng		99
55) Dibenzofuran	15.203	168	269857	23.397	ng		98
58) Fluorene	15.855	166	412751	44.806	ng		99
71) Phenanthrene	17.606	178	2342289	173.419	ng		94
72) Anthracene	17.688	178	660838	50.357	ng		99
73) Carbazole	17.958	167	281371	23.850	ng		99
75) Fluoranthene	19.615	202	2113792	128.642	ng		94
78) Pyrene	19.980	202	2175626m	145.205	ng		
81) Benzo(a)anthracene	21.830	228	1105264	72.495	ng		96
83) Chrysene	21.901	228	960648	66.187	ng		97
87) Indeno(1,2,3-cd)pyrene	29.081	276	231483	13.783	ng		93
88) Benzo(b)fluoranthene	24.145	252	946104	70.864	ng		97
89) Benzo(k)fluoranthene	24.204	252	422935m	31.780	ng		
90) Benzo(a)pyrene	25.056	252	762773	66.578	ng		96
91) Dibenzo(a,h)anthracene	29.122	278	61874	4.508	ng	#	82
92) Benzo(g,h,i)perylene	30.303	276	198150	14.325	ng		97

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

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