Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044047.D
Acq On : 14 Jan 2020 22:03
Operator : JU
Sample : L1004-04 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-RO-234

Manual Integrations APPROVED
mohammad
1/16/2020 1:42:09 PM

Quant Time: Jan 15 09:49:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	156794	20.00	ng		-0.01
21) Naphthalene-d8	10.75	136	649581	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	381065	20.00	ng		-0.01
64) Phenanthrene-d10	17.33	188	725779	20.00	ng		0.00
76) Chrysene-d12	21.59	240	593309	20.00	ng		0.00
87) Perylene-d12	24.78	264	701171	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	459320	53.79	ng		0.00
7) Phenol-d6	7.12	99	639131	53.54	ng		0.00
23) Nitrobenzene-d5	9.10	82	371924	30.63	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	186923	46.87	ng		-0.01
45) 2-Fluorobiphenyl	13.20	172	741587	35.26	ng		-0.02
79) Terphenyl-d14	19.94	244	875586	26.76	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.80	128	665210	21.162	ng		98
37) 2-Methylnaphthalene	12.41	142	512005	21.635	ng		96
38) 1-Methylnaphthalene	12.63	142	277980	12.394	ng		100
46) 1,1'-Biphenyl	13.41	154	127479	4.666	ng		97
50) Dimethylphthalate	14.03	163	87098	3.219	ng		97
52) Acenaphthene	14.65	154	1358007	61.025	ng		97
55) Dibenzofuran	14.98	168	1405724	45.887	ng		98
58) Fluorene	15.63	166	1824081	75.124	ng		99
71) Phenanthrene	17.39	178	5072103	145.700	ng	#	44
72) Anthracene	17.47	178	2491868	72.429	ng	#	91
73) Carbazole	17.73	167	1206386	37.961	ng		99
75) Fluoranthene	19.40	202	4863832m	122.169	ng		
78) Pyrene	19.75	202	4562432	117.808	ng	#	61
81) Benzo(a)anthracene	21.57	228	3253329	88.431	ng	#	87
83) Chrysene	21.64	228	3025111	86.538	ng	#	86
86) Indeno(1,2,3-cd)pyrene	28.40	276	2160366m	45.475	ng		
88) Benzo(b)fluoranthene	23.77	252	4294342m	103.599	ng		
89) Benzo(k)fluoranthene	23.82	252	1559094m	39.553	ng		
90) Benzo(a)pyrene	24.63	252	3158607	80.735	ng		94
91) Dibenzo(a,h)anthracene	28.43	278	459155	11.686	ng		97
92) Benzo(g,h,i)perylene	29.55	276	1838204	47.099	ng		99

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

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