Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033121\
Data File : BM029295.D
Acq On : 31 Mar 2021 15:51
Operator : CG/JU
Sample : M1720-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG-3-(0.0-0.5)

Manual Integrations APPROVED
mohammad
4/1/2021 10:51:09 AM

Quant Time: Mar 31 16:35:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	188699	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	733942	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	393814	20.00	ng		0.00
64) Phenanthrene-d10	17.121	188	643269	20.00	ng		0.00
76) Chrysene-d12	21.297	240	649075	20.00	ng		0.01
86) Perylene-d12	23.544	264	616718	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1199871	109.61	ng		0.00
7) Phenol-d6	6.928	99	1597205	101.67	ng		0.00
23) Nitrobenzene-d5	8.898	82	1119601	74.06	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	346555	95.03	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1869005	67.32	ng		0.00
79) Terphenyl-d14	19.739	244	1519065	47.02	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.893	77	67741	6.87	ng		97
10) Phenol	6.951	94	31957	2.06	ng		93
32) Benzoic acid	9.769	122	13682	6.37	ng		95
49) Acenaphthylene	14.098	152	71738	2.00	ng	#	97
50) Dimethylphthalate	13.833	163	70395	2.56	ng		98
52) Acenaphthene	14.439	154	305902	13.42	ng		99
55) Dibenzofuran	14.774	168	267746	7.47	ng		99
58) Fluorene	15.421	166	436343	15.01	ng		100
71) Phenanthrene	17.168	178	9721287	260.60	ng		95
72) Anthracene	17.251	178	1277883	35.26	ng		99
73) Carbazole	17.521	167	947372	26.57	ng		100
75) Fluoranthene	19.192	202	16173067	392.46	ng		80
78) Pyrene	19.551	202	13716174	312.13	ng	#	86
81) Benzo(a)anthracene	21.286	228	6788995	160.26	ng		93
83) Chrysene	21.339	228	7752031m	182.90	ng		
87) Indeno(1,2,3-cd)pyrene	25.838	276	4648255	103.05	ng		95
88) Benzo(b)fluoranthene	22.886	252	10471488	261.00	ng		97
89) Benzo(k)fluoranthene	22.921	252	3104531m	79.64	ng		
90) Benzo(a)pyrene	23.462	252	6629036	182.40	ng		97
91) Dibenzo(a,h)anthracene	25.838	278	1138298m	29.48	ng		
92) Benzo(g,h,i)perylene	26.538	276	4210478	111.30	ng		97

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

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