Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123365.D
Acq On : 3 Mar 2021 20:20
Operator : JU/CG
Sample : M1539-01
Misc :
ALS Vial : 14 Sample Multiplier: 4

Instrument :
BNA_F
ClientSampleId :
JC-02-030221

Manual Integrations APPROVED
mohammad
3/4/2021 11:32:38 AM

Quant Time: Mar 03 23:54:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 13:18:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	422523	80.00	ng		0.01
21) Naphthalene-d8	8.133	136	1699074	80.00	ng		# 0.00
39) Acenaphthene-d10	9.892	164	851429	80.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1516056	80.00	ng		0.01
76) Chrysene-d12	14.057	240	1314464	80.00	ng		0.02
86) Perylene-d12	15.551	264	1243846	80.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	2487055	338.90	ng		0.11
7) Phenol-d6	6.534	99	3396194	340.65	ng		0.05
23) Nitrobenzene-d5	7.422	82	2380815	256.58	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	828797	382.39	ng		0.02
45) 2-Fluorobiphenyl	9.216	172	3549332	239.52	ng		0.00
79) Terphenyl-d14	13.004	244	3427798	200.58	ng		0.04
Target Compounds							Qvalue
10) Phenol	6.539	94	92057	8.47	ng		85
31) Naphthalene	8.151	128	74051	3.18	ng		97
37) 2-Methylnaphthalene	8.845	142	43038	2.78	ng		95
38) 1-Methylnaphthalene	8.945	142	30984	2.14	ng		94
49) Acenaphthylene	9.751	152	76062	3.60	ng	#	91
50) Dimethylphthalate	9.604	163	94217	5.92	ng	#	94
52) Acenaphthene	9.922	154	51452	3.53	ng		94
55) Dibenzofuran	10.098	168	42347	2.15	ng	#	70
58) Fluorene	10.439	166	59082	3.81	ng	#	95
71) Phenanthrene	11.410	178	516770	23.06	ng		99
72) Anthracene	11.463	178	159916	7.15	ng		98
73) Carbazole	11.621	167	58371	2.77	ng	#	88
75) Fluoranthene	12.615	202	920949	38.77	ng		98
78) Pyrene	12.845	202	921093	35.90	ng		99
81) Benzo(a)anthracene	14.045	228	527659	23.63	ng		96
83) Chrysene	14.080	228	517174	23.58	ng		97
87) Indeno(1,2,3-cd)pyrene	17.045	276	328791	15.30	ng		94
88) Benzo(b)fluoranthene	15.104	252	709675m	32.49	ng		
89) Benzo(k)fluoranthene	15.127	252	191986m	9.70	ng		
90) Benzo(a)pyrene	15.474	252	485946	24.95	ng	#	93
91) Dibenzo(a,h)anthracene	17.051	278	88116	4.78	ng	#	75
92) Benzo(g,h,i)perylene	17.503	276	318560	18.76	ng		97

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

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