Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097196.D
Acq On : 29 Jul 2017 11:23
Operator : SJ/JU
Sample : I4421-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M6-WSW

Manual Integrations APPROVED
Sohil
7/31/2017 6:53:17 PM

Quant Time: Jul 31 16:38:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	101289	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	442951	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	143802	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	232234	20.00	ng		-0.01
75) Chrysene-d12	13.62	240	199680	20.00	ng		-0.01
86) Perylene-d12	14.97	264	136217	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	847277	126.10	ng		0.00
7) Phenol-d6	6.16	99	944581	123.14	ng		-0.01
23) Nitrobenzene-d5	7.06	82	529092	70.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	124619	109.68	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	731844	86.37	ng		-0.02
78) Terphenyl-d14	12.57	244	553118	56.48	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.17	94	34889	3.835	ng		96
11) bis(2-Chloroethyl)ether	6.23	93	68253	9.485	ng		94
13) 1,4-Dichlorobenzene	6.50	146	19098	2.489	ng		92
14) 1,2-Dichlorobenzene	6.66	146	21526	3.213	ng		93
31) Naphthalene	7.79	128	526595	25.220	ng		100
37) 2-Methylnaphthalene	8.49	142	315537	23.868	ng		99
45) 1,1'-Biphenyl	8.95	154	45621	3.714	ng		93
49) Dimethylphthalate	9.25	163	221753	20.307	ng		99
57) Fluorene	10.06	166	33300	4.070	ng	#	86
70) Phenanthrene	11.02	178	109498	8.800	ng		97
71) Anthracene	11.07	178	30305	2.378	ng		97
74) Fluoranthene	12.20	202	205082	16.824	ng		99
77) Pyrene	12.42	202	206443	12.629	ng		99
80) Benzo(a)anthracene	13.60	228	90552	7.009	ng		99
82) Chrysene	13.64	228	85786	6.800	ng		97
85) Indeno(1,2,3-cd)pyrene	16.19	276	36553	3.379	ng		100
87) Benzo(b)fluoranthene	14.61	252	95852m	11.706	ng		
88) Benzo(k)fluoranthene	14.63	252	29575m	3.790	ng		
89) Benzo(a)pyrene	14.92	252	63373	8.456	ng	#	95
91) Benzo(g,h,i)perylene	16.55	276	39694	6.159	ng		95

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

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