Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097820.D
Acq On : 18 Aug 2017 7:53
Operator : SJ/JU
Sample : I4773-01DL 50X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-J10-ESWDL

Manual Integrations APPROVED
Sohil
8/18/2017 7:02:39 PM

Quant Time: Aug 18 08:35:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127168	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	459599	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	159072	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	271078	20.00	ng		0.00
75) Chrysene-d12	13.93	240	281861	20.00	ng		0.00
86) Perylene-d12	15.36	264	199396	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	17668	2.11	ng		-0.02
7) Phenol-d6	6.39	99	24092	2.12	ng		-0.02
23) Nitrobenzene-d5	7.33	82	13923	1.65	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	2013	1.46	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	16385	1.51	ng		-0.01
78) Terphenyl-d14	12.88	244	12726	0.94	ng		-0.01
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	6.72	146	35467	3.740	ng	#	93
13) 1,4-Dichlorobenzene	6.79	146	126840	13.150	ng	#	92
14) 1,2-Dichlorobenzene	6.95	146	90566	10.183	ng		97
30) 1,2,4-Trichlorobenzene	8.00	180	23461	3.475	ng		97
31) Naphthalene	8.09	128	1525821	63.949	ng		99
37) 2-Methylnaphthalene	8.77	142	907298	62.023	ng		98
45) 1,1'-Biphenyl	9.23	154	174358	12.020	ng		95
51) Acenaphthene	9.85	154	262836	24.760	ng		99
54) Dibenzofuran	10.02	168	216509	15.218	ng	#	85
57) Fluorene	10.36	166	225649	20.515	ng		95
70) Phenanthrene	11.32	178	732837	50.733	ng		100
71) Anthracene	11.37	178	139295	9.508	ng		99
72) Carbazole	11.52	167	28208	2.028	ng	#	90
74) Fluoranthene	12.51	202	367907	24.402	ng		98
77) Pyrene	12.73	202	319595	13.863	ng		98
80) Benzo(a)anthracene	13.92	228	83391	4.936	ng		94
82) Chrysene	13.96	228	72063	4.288	ng		97
87) Benzo(b)fluoranthene	14.94	252	54554m	4.341	ng		
89) Benzo(a)pyrene	15.30	252	29688	2.668	ng		98
91) Benzo(g,h,i)perylene	17.17	276	21073	2.230	ng		94

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

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