Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097831.D
Acq On : 18 Aug 2017 13:03
Operator : SJ/JU
Sample : I4820-08
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-I8-BASE

Manual Integrations APPROVED
Sohil
8/18/2017 7:02:56 PM

Quant Time: Aug 18 14:20:13 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	138087	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	492721	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	183540	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	313814	20.00	ng		0.00
75) Chrysene-d12	13.94	240	272759	20.00	ng		0.00
86) Perylene-d12	15.37	264	189620	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	912823	100.55	ng		0.00
7) Phenol-d6	6.41	99	1286630	104.31	ng		0.00
23) Nitrobenzene-d5	7.34	82	733077	80.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	165208	103.74	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	948203	75.90	ng		0.00
78) Terphenyl-d14	12.89	244	710170	54.29	ng		0.00
Target Compounds							Qvalue
14) 1,2-Dichlorobenzene	6.95	146	34740	3.597	ng		95
31) Naphthalene	8.08	128	168560	6.590	ng		99
37) 2-Methylnaphthalene	8.77	142	147538	9.408	ng		98
45) 1,1'-Biphenyl	9.23	154	40904	2.444	ng		96
48) Acenaphthylene	9.67	152	44673	2.300	ng	#	94
49) Dimethylphthalate	9.53	163	145834	10.870	ng	#	99
51) Acenaphthene	9.85	154	104414	8.525	ng		99
54) Dibenzofuran	10.02	168	91012	5.544	ng	#	94
57) Fluorene	10.36	166	108783	8.572	ng		95
70) Phenanthrene	11.32	178	890090	53.228	ng		100
71) Anthracene	11.37	178	246118	14.511	ng		99
72) Carbazole	11.52	167	64858	4.029	ng		99
74) Fluoranthene	12.52	202	1145265	65.616	ng		100
77) Pyrene	12.74	202	1108914	49.708	ng		99
80) Benzo(a)anthracene	13.93	228	531745	32.527	ng		97
82) Chrysene	13.96	228	507264	31.193	ng		98
85) Indeno(1,2,3-cd)pyrene	16.77	276	202325m	16.913	ng		
87) Benzo(b)fluoranthene	14.96	252	496218m	41.516	ng		
88) Benzo(k)fluoranthene	14.98	252	154316m	13.742	ng		
89) Benzo(a)pyrene	15.31	252	342633	32.382	ng		98
90) Dibenzo(a,h)anthracene	16.78	278	49381	5.732	ng		93
91) Benzo(g,h,i)perylene	17.19	276	191354m	21.289	ng		

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

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