Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097776.D
Acq On : 17 Aug 2017 9:10
Operator : SJ/JU
Sample : I4773-02 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-J10-BASE

Manual Integrations APPROVED
Sohil
8/17/2017 5:58:17 PM

Quant Time: Aug 17 15:03:27 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	6.78	152	152642	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	511734	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	224630	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	322616	20.00	ng		0.00
75) Chrysene-d12	13.94	240	282484	20.00	ng		0.00
86) Perylene-d12	15.37	264	262252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	93602	9.33	ng		-0.01
7) Phenol-d6	6.40	99	128967	9.46	ng		-0.01
23) Nitrobenzene-d5	7.34	82	77912	8.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	14016	7.19	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	111448	7.29	ng		0.00
78) Terphenyl-d14	12.89	244	57484	4.24	ng		0.00
Target Compounds							Qvalue
12) 1,3-Dichlorobenzene	6.72	146	211407	18.571	ng	#	94
13) 1,4-Dichlorobenzene	6.80	146	699847	60.447	ng		95
14) 1,2-Dichlorobenzene	6.96	146	1120868	104.995	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	268555	35.725	ng		99
31) Naphthalene	8.11	128	6768628	254.779	ng		97
37) 2-Methylnaphthalene	8.80	142	4030122m	247.432	ng		
45) 1,1'-Biphenyl	9.25	154	1140550	55.680	ng		97
48) Acenaphthylene	9.69	152	130590	5.494	ng	#	46
51) Acenaphthene	9.87	154	1343348	89.616	ng		97
54) Dibenzofuran	10.04	168	1105456	55.025	ng	#	93
57) Fluorene	10.38	166	1219575	78.518	ng		96
70) Phenanthrene	11.35	178	3075114	178.876	ng		99
71) Anthracene	11.39	178	712063	40.837	ng		98
72) Carbazole	11.54	167	170806	10.320	ng	#	90
74) Fluoranthene	12.53	202	1482925	82.643	ng		99
77) Pyrene	12.76	202	1323947	57.304	ng		98
80) Benzo(a)anthracene	13.93	228	436785	25.799	ng		93
82) Chrysene	13.97	228	355429	21.104	ng		97
85) Indeno(1,2,3-cd)pyrene	16.76	276	113080	9.127	ng	#	91
87) Benzo(b)fluoranthene	14.96	252	389063m	23.536	ng		
88) Benzo(k)fluoranthene	14.99	252	95695m	6.162	ng		
89) Benzo(a)pyrene	15.31	252	200869	13.726	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	23951m	2.010	ng		
91) Benzo(g,h,i)perylene	17.18	276	153771	12.370	ng		92

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

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