Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
Data File : BF096666.D
Acq On : 12 Jul 2017 2:22
Operator : SJ/JU
Sample : I4130-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-P9-BASE

Manual Integrations APPROVED
mohammad
7/12/2017 4:57:43 PM

Quant Time: Jul 12 13:24:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 13:02:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	115619	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	385881	20.00	ng		-0.02
38) Acenaphthene-d10	9.73	164	167682	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	267972	20.00	ng		0.00
75) Chrysene-d12	13.83	240	207874	20.00	ng		-0.01
86) Perylene-d12	15.23	264	215776	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	768891	98.16	ng		-0.02
7) Phenol-d6	6.33	99	917329	95.26	ng		-0.02
23) Nitrobenzene-d5	7.25	82	502921	78.32	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	121542	92.79	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	620025	63.22	ng		-0.01
78) Terphenyl-d14	12.79	244	336108	34.55	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.34	94	88163	8.036	ng		95
11) bis(2-Chloroethyl)ether	6.42	93	157689	18.599	ng		90
12) 1,3-Dichlorobenzene	6.63	146	84022	9.593	ng		97
13) 1,4-Dichlorobenzene	6.70	146	300092	34.278	ng		97
14) 1,2-Dichlorobenzene	6.86	146	462934	57.592	ng		99
17) 2-Methylphenol	6.95	107	55437	8.327	ng		95
20) 3+4-Methylphenols	7.10	107	94736	12.758	ng	#	64
27) 2,4-Dimethylphenol	7.65	122	64214m	10.576	ng		
30) 1,2,4-Trichlorobenzene	7.92	180	32911m	6.660	ng		
31) Naphthalene	7.99	128	720153	39.532	ng		100
37) 2-Methylnaphthalene	8.69	142	865625	74.648	ng		99
45) 1,1'-Biphenyl	9.15	154	73602	5.123	ng		96
49) Dimethylphthalate	9.45	163	146996	11.743	ng	#	88
51) Acenaphthene	9.76	154	264719	25.313	ng		96
54) Dibenzofuran	9.93	168	144934m	10.497	ng		
57) Fluorene	10.27	166	257034	26.359	ng	#	93
70) Phenanthrene	11.24	178	1016820	70.194	ng		99
71) Anthracene	11.29	178	402884	27.293	ng		98
74) Fluoranthene	12.42	202	776382	54.665	ng		98
77) Pyrene	12.65	202	799816	47.935	ng		100
80) Benzo(a)anthracene	13.82	228	242768	20.167	ng		96
82) Chrysene	13.86	228	284297	22.553	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.56	276	82632	8.304	ng		97
87) Benzo(b)fluoranthene	14.84	252	240228m	17.768	ng		
88) Benzo(k)fluoranthene	14.86	252	82795m	6.846	ng		
89) Benzo(a)pyrene	15.17	252	144733	11.990	ng		97
90) Dibenzo(a,h)anthracene	16.57	278	25318	2.666	ng	#	82
91) Benzo(g,h,i)perylene	16.97	276	76158	7.739	ng		98

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

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