Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072017\
Data File : BF096934.D
Acq On : 21 Jul 2017 5:55
Operator : SJ/JU
Sample : I4253-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-07-WSW

Quant Time: Jul 21 09:32:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	26628	20.00	ng		-0.02
21) Naphthalene-d8	7.89	136	79344	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	6123	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	77172	20.00	ng		0.05
75) Chrysene-d12	13.82	240	28576	20.00	ng		0.08
86) Perylene-d12	15.19	264	109978	20.00	ng		0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	708848	400.26	ng		-0.03
7) Phenol-d6	6.23	99	545947	256.89	ng		-0.02
23) Nitrobenzene-d5	7.15	82	44115	34.44	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	48957	936.71	ng		0.08
44) 2-Fluorobiphenyl	9.05	172	199865	515.71	ng		0.09
78) Terphenyl-d14	12.73	244	289233	175.53	ng		0.04
Target Compounds							Qvalue
6) Aniline	6.32	93	530207	202.540	ng	#	51
11) bis(2-Chloroethyl)ether	6.32	93	530207	293.477	ng		86
12) 1,3-Dichlorobenzene	6.52	146	484380	238.512	ng		98
13) 1,4-Dichlorobenzene	6.60	146	1507462	732.976	ng		95
14) 1,2-Dichlorobenzene	6.76	146	816976	436.741	ng		99
20) 3+4-Methylphenols	7.05	107	142494	79.039	ng	#	74
22) Acetophenone	6.92	105	1305571	736.210	ng	#	62
27) 2,4-Dimethylphenol	7.80	122	219776	181.350	ng		89
30) 1,2,4-Trichlorobenzene	7.86	180	29937	28.703	ng	#	54
31) Naphthalene	7.99	128	9859289	2623.061	ng		95
33) 4-Chloroaniline	7.99	127	1301098	873.692	ng	#	43
37) 2-Methylnaphthalene	8.80	142	15181487	6335.405	ng	#	94
45) 1,1'-Biphenyl	9.18	154	1653017	3147.803	ng		96
51) Acenaphthene	9.78	154	1387925	3813.355	ng		90
54) Dibenzofuran	9.90	168	273537	536.310	ng	#	88
55) 4-Nitrophenol	9.77	139	24162	279.564	ng		89
61) 4-Nitroaniline	10.17	138	16571	149.166	ng		84
65) n-Nitrosodiphenylamine	10.31	169	580360	210.382	ng	#	82
70) Phenanthrene	11.24	178	9828668	2342.332	ng		98
71) Anthracene	11.24	178	9828668	2316.674	ng		98
72) Carbazole	11.40	167	1771018	431.067	ng		98
74) Fluoranthene	12.41	202	9018407	2245.391	ng		99
80) Benzo(a)anthracene	13.83	228	5464303	3068.968	ng	#	89
82) Chrysene	13.86	228	1318928	752.456	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.52	276	2333419	668.861	ng		97
87) Benzo(b)fluoranthene	14.83	252	4713313	710.594	ng		99
88) Benzo(k)fluoranthene	14.90	252	792755	126.215	ng		94
89) Benzo(a)pyrene	15.15	252	2566762	421.917	ng		98
90) Dibenzo(a,h)anthracene	16.49	278	873968	156.126	ng		93
91) Benzo(g,h,i)perylene	16.92	276	2146839	358.140	ng		97

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

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