Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023396.D
Acq On : 2 Aug 2016 11:21
Operator : UM/SJ
Sample : H4145-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9536

Quant Time: Aug 02 13:07:21 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	112907	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	551279	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	380469	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	842461	20.00	ng		0.00
75) Chrysene-d12	21.87	240	836477	20.00	ng		0.00
86) Perylene-d12	25.24	264	864303	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1117680	166.63	ng		0.00
7) Phenol-d6	7.28	99	1695810	162.32	ng		0.00
23) Nitrobenzene-d5	9.30	82	1111599	100.25	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	691071	124.18	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2298539	101.90	ng		0.00
78) Terphenyl-d14	20.16	244	2833199	112.10	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.84	42	560559	160.99	ng	#	78
12) 1,3-Dichlorobenzene	8.01	146	1360649	154.22	ng		92
13) 1,4-Dichlorobenzene	8.15	146	276533	30.62	ng		95
14) 1,2-Dichlorobenzene	8.48	146	603614	68.13	ng		92
18) Hexachloroethane	9.21	117	235974	69.41	ng		94
24) Nitrobenzene	9.34	77	744845	60.66	ng	#	91
25) Isophorone	9.86	82	3090010	133.78	ng	#	92
28) bis(2-Chloroethoxy)methane	10.35	93	850687	61.27	ng		98
31) Naphthalene	11.00	128	2468794	87.94	ng		95
34) Hexachlorobutadiene	11.28	225	421088	66.91	ng		98
37) 2-Methylnaphthalene	12.61	142	1127348	52.82	ng	#	93
40) Hexachlorocyclopentadiene	12.95	237	1059523	152.29	ng		99
46) 2-Chloronaphthalene	13.66	162	3193741	141.94	ng	#	76
49) Dimethylphthalate	14.23	163	2850108	97.64	ng	#	93
50) 2,6-Dinitrotoluene	14.36	165	566608	81.96	ng		86
54) Dibenzofuran	15.19	168	2758265	84.32	ng	#	94
56) 2,4-Dinitrotoluene	15.15	165	728848	75.12	ng		96
59) Diethylphthalate	15.60	149	3274727	110.51	ng	#	78
60) 4-Chlorophenyl-phenylether	15.83	204	1996411	132.15	ng		93
65) n-Nitrosodiphenylamine	16.04	169	2463215	99.68	ng	#	86
66) 4-Bromophenyl-phenylether	16.72	248	1226877	124.95	ng		97
67) Hexachlorobenzene	16.85	284	690787	64.31	ng		98
70) Phenanthrene	17.59	178	4297399	100.53	ng	#	69
73) Di-n-butylphthalate	18.50	149	3491111	100.70	ng	#	90
77) Pyrene	19.97	202	4728203	113.17	ng	#	56
79) Butylbenzylphthalate	20.84	149	2685595	133.33	ng	#	92
80) Benzo(a)anthracene	21.85	228	5535077	119.87	ng	#	59
82) Chrysene	21.92	228	5037529	114.67	ng	#	52
83) Bis(2-ethylhexyl)phthalate	21.72	149	1649849	59.82	ng		98
85) Indeno(1,2,3-cd)pyrene	29.11	276	4203440	76.57	ng	#	100
87) Benzo(b)fluoranthene	24.17	252	3833510	78.83	ng	#	91
88) Benzo(k)fluoranthene	24.23	252	1486403	31.82	ng	#	98
89) Benzo(a)pyrene	25.11	252	7090983	153.32	ng	#	77
90) Dibenzo(a,h)anthracene	29.18	278	2826684	59.83	ng	#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
91) Benzo(g,h,i)perylene	30.34	276	5140091	108.04	ng	#	90

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

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