Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022536.D
Acq On : 24 Jun 2016 12:29
Operator : UM/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
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6/27/2016 4:01:15 PM

Quant Time: Jun 24 18:38:29 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 15:13:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	100525	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	409241	20.00	ng		0.00
38) Acenaphthene-d10	14.81	164	278987	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	726339	20.00	ng		0.00
75) Chrysene-d12	21.85	240	806146	20.00	ng		0.00
86) Perylene-d12	25.21	264	821900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	35960	2.76	ng		0.00
7) Phenol-d6	7.30	99	49967	2.73	ng		0.00
23) Nitrobenzene-d5	9.34	82	52025	2.64	ng		0.00
41) 2,4,6-Tribromophenol	16.29	330	23957	2.67	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.91	42	11668	2.80	ng	#	50
6) Aniline	7.50	93	28529	2.44	ng		94
8) 2-Chlorophenol	7.73	128	19247	2.89	ng		96
10) Phenol	7.33	94	25375	2.66	ng		90
11) bis(2-Chloroethyl)ether	7.58	93	21358	2.69	ng		91
12) 1,3-Dichlorobenzene	8.06	146	24986m	3.00	ng		
13) 1,4-Dichlorobenzene	8.21	146	23325	2.83	ng		88
14) 1,2-Dichlorobenzene	8.53	146	22612	2.87	ng		99
15) Benzyl Alcohol	8.40	79	16435	2.09	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.70	45	23419	2.68	ng		87
17) 2-Methylphenol	8.60	107	18276	2.89	ng		94
18) Hexachloroethane	9.27	117	9137	2.72	ng		86
19) n-Nitroso-di-n-propylamine	8.97	70	19849	2.65	ng	#	92
20) 3+4-Methylphenols	8.92	107	24221	2.77	ng	#	86
22) Acetophenone	9.00	105	33213	2.75	ng	#	95
24) Nitrobenzene	9.38	77	30215	2.78	ng	#	93
25) Isophorone	9.90	82	52801	2.74	ng	#	91
26) 2-Nitrophenol	10.09	139	9757	2.59	ng	#	80
27) 2,4-Dimethylphenol	10.15	122	24099	3.15	ng	#	73
28) bis(2-Chloroethoxy)methane	10.39	93	29789	2.82	ng	#	81
29) 2,4-Dichlorophenol	10.63	162	17852	2.49	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	25484	2.92	ng	#	88
31) Naphthalene	11.05	128	59460	2.77	ng		95
34) Hexachlorobutadiene	11.33	225	17806	2.64	ng		91
35) Caprolactam	11.91	113	5350	2.43	ng	#	62
36) 4-Chloro-3-methylphenol	12.24	107	24819	2.77	ng	#	91
37) 2-Methylnaphthalene	12.64	142	45757	2.77	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	33373	3.00	ng		95
40) Hexachlorocyclopentadiene	12.98	237	23231	2.72	ng		83
42) 2,4,6-Trichlorophenol	13.23	196	18288	2.66	ng		88
43) 2,4,5-Trichlorophenol	13.30	196	19790	2.75	ng		92
45) 1,1'-Biphenyl	13.64	154	65498	2.89	ng		97
46) 2-Chloronaphthalene	13.68	162	53132	2.87	ng	#	88
47) 2-Nitroaniline	13.88	65	17944	2.66	ng	#	74

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 15:13:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	14.52	152	73536	2.72	ng		99
49) Dimethylphthalate	14.25	163	73178	2.95	ng		99
50) 2,6-Dinitrotoluene	14.37	165	13904	2.73	ng		89
51) Acenaphthene	14.86	154	54064	2.76	ng		88
52) 3-Nitroaniline	14.70	138	11200	2.41	ng		85
53) 2,4-Dinitrophenol	14.89	184	6640	2.27	ng	#	79
54) Dibenzofuran	15.19	168	85445	2.92	ng		96
55) 4-Nitrophenol	14.99	139	11008	2.77	ng	#	59
56) 2,4-Dinitrotoluene	15.15	165	16405	2.38	ng	#	90
57) Fluorene	15.85	166	65503	2.84	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.42	232	19595	2.63	ng	#	87
59) Diethylphthalate	15.61	149	72473	2.84	ng		94
60) 4-Chlorophenyl-phenylether	15.84	204	38114	2.83	ng		96
61) 4-Nitroaniline	15.86	138	14169	2.87	ng	#	81
62) Azobenzene	16.13	77	78455	2.83	ng		87
64) 4,6-Dinitro-2-methylphenol	15.91	198	10650	2.29	ng		84
65) n-Nitrosodiphenylamine	16.05	169	58258	2.65	ng		96
66) 4-Bromophenyl-phenylether	16.74	248	28258	2.89	ng	#	76
67) Hexachlorobenzene	16.85	284	29155	2.81	ng	#	90
68) Atrazine	17.00	200	22853	2.51	ng		93
69) Pentachlorophenol	17.20	266	18349	2.67	ng	#	72
70) Phenanthrene	17.60	178	111192	2.77	ng	#	92
71) Anthracene	17.69	178	117389	2.82	ng	#	92
72) Carbazole	17.95	167	91374	2.65	ng		98
79) Butylbenzylphthalate	20.84	149	48580	2.54	ng	#	93
81) 3,3'-Dichlorobenzidine	21.73	252	48141	2.54	ng	#	97
83) Bis(2-ethylhexyl)phthalate	21.73	149	76600	2.76	ng	#	88
84) Di-n-octyl phthalate	23.00	149	127530	2.74	ng	#	95
85) Indeno(1,2,3-cd)pyrene	29.05	276	161196	2.80	ng	#	100
87) Benzo(b)fluoranthene	24.13	252	146445	2.79	ng	#	97
88) Benzo(k)fluoranthene	24.20	252	136600	2.73	ng	#	99
89) Benzo(a)pyrene	25.04	252	147028	2.87	ng		97
90) Dibenzo(a,h)anthracene	29.12	278	135066	2.83	ng		98
91) Benzo(g,h,i)perylene	30.24	276	143021	2.93	ng		99

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

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