Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022168.D
Acq On : 6 Jun 2016 14:21
Operator : UM/SJ
Sample : SSTDICC10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC10

Manual Integrations APPROVED
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6/7/2016 7:27:30 PM

Quant Time: Jun 06 15:48:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 13:59:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25479	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	129341	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	89062	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	220970	20.00	ng		0.00
75) Chrysene-d12	21.76	240	221440	20.00	ng		0.00
86) Perylene-d12	25.06	264	215059	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	24803	16.21	ng		0.00
7) Phenol-d6	7.28	99	37695	16.49	ng		0.00
23) Nitrobenzene-d5	9.29	82	37400	14.86	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	19762	20.59	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	118813	19.55	ng		0.00
78) Terphenyl-d14	20.08	244	201320	22.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	6756	9.92	ng	#	88
3) Pyridine	3.93	79	16335	7.99	ng		94
4) n-Nitrosodimethylamine	3.85	42	3634	3.59	ng	#	80
6) Aniline	7.44	93	24483	8.10	ng	#	77
8) 2-Chlorophenol	7.68	128	17877	9.75	ng	#	78
9) Benzaldehyde	7.26	77	12098m	9.15	ng		
10) Phenol	7.31	94	19593	7.97	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	15562	7.91	ng	#	74
12) 1,3-Dichlorobenzene	8.01	146	19192	9.37	ng	#	91
13) 1,4-Dichlorobenzene	8.16	146	19453	9.33	ng		93
14) 1,2-Dichlorobenzene	8.48	146	19434	9.71	ng		97
15) Benzyl Alcohol	8.36	79	11781	6.75	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	17864	4.24	ng		76
17) 2-Methylphenol	8.57	107	15809	9.30	ng	#	86
18) Hexachloroethane	9.21	117	7030	9.26	ng		85
19) n-Nitroso-di-n-propylamine	8.91	70	13889	7.82	ng	#	72
20) 3+4-Methylphenols	8.90	107	21838	9.39	ng		92
22) Acetophenone	8.95	105	27594	7.66	ng	#	81
24) Nitrobenzene	9.33	77	19026	7.06	ng	#	82
25) Isophorone	9.85	82	45041	8.18	ng	#	93
26) 2-Nitrophenol	10.06	139	9579	9.31	ng	#	73
27) 2,4-Dimethylphenol	10.11	122	18327	7.84	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	24240	8.28	ng		93
29) 2,4-Dichlorophenol	10.59	162	16490	8.28	ng		91
30) 1,2,4-Trichlorobenzene	10.80	180	18673	8.72	ng		95
31) Naphthalene	10.99	128	66381	9.59	ng	#	92
32) Benzoic acid	10.25	122	2483m	2.00	ng		
33) 4-Chloroaniline	11.11	127	21729	7.25	ng	#	87
34) Hexachlorobutadiene	11.26	225	10188	7.37	ng		96
35) Caprolactam	11.85	113	10204	11.19	ng	#	48
36) 4-Chloro-3-methylphenol	12.22	107	20053	8.00	ng	#	88
37) 2-Methylnaphthalene	12.59	142	47591	10.02	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	22943	8.24	ng		98
40) Hexachlorocyclopentadiene	12.92	237	7397	4.78	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	14155m	7.98	ng		
43) 2,4,5-Trichlorophenol	13.27	196	15313	8.00	ng		97
45) 1,1'-Biphenyl	13.58	154	66586	8.87	ng		93
46) 2-Chloronaphthalene	13.63	162	51464	9.28	ng		92
47) 2-Nitroaniline	13.84	65	10701m	5.63	ng		
48) Acenaphthylene	14.47	152	91354	9.96	ng		98
49) Dimethylphthalate	14.19	163	75839	9.85	ng		100
50) 2,6-Dinitrotoluene	14.32	165	15785	10.75	ng	#	78
51) Acenaphthene	14.81	154	53767	9.17	ng		97
52) 3-Nitroaniline	14.67	138	17870m	10.97	ng		
53) 2,4-Dinitrophenol	14.88	184	1060	2.24	ng	#	83
54) Dibenzofuran	15.15	168	86026	10.74	ng		97
55) 4-Nitrophenol	14.99	139	8745m	6.27	ng		
56) 2,4-Dinitrotoluene	15.11	165	21031	10.60	ng	#	85
57) Fluorene	15.79	166	73227	10.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	15710	9.89	ng	#	99
59) Diethylphthalate	15.55	149	83646	10.41	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	32978	9.36	ng		90
61) 4-Nitroaniline	15.82	138	19353m	10.80	ng		
62) Azobenzene	16.07	77	61273	8.90	ng		85
64) 4,6-Dinitro-2-methylphenol	15.88	198	5916	6.94	ng	#	77
65) n-Nitrosodiphenylamine	15.99	169	63276	9.55	ng		97
66) 4-Bromophenyl-phenylether	16.68	248	20274	8.56	ng	#	91
67) Hexachlorobenzene	16.79	284	23986	9.60	ng		94
68) Atrazine	16.93	200	24231	9.26	ng		99
69) Pentachlorophenol	17.15	266	6202m	4.35	ng		
70) Phenanthrene	17.53	178	122972	10.10	ng		98
71) Anthracene	17.63	178	118895	9.62	ng		99
72) Carbazole	17.90	167	112801	9.78	ng		98
73) Di-n-butylphthalate	18.43	149	157242	10.71	ng	#	98
74) Fluoranthene	19.54	202	147464	10.14	ng		97
76) Benzidine	19.73	184	58343m	8.46	ng		
77) Pyrene	19.89	202	150781	11.81	ng		98
79) Butylbenzylphthalate	20.76	149	65027	10.97	ng		89
80) Benzo(a)anthracene	21.75	228	128376	10.07	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	31860	3.16	ng		98
82) Chrysene	21.81	228	125634	10.26	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	95521	11.02	ng		96
84) Di-n-octyl phthalate	22.85	149	157986	10.88	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.83	276	135834	9.33	ng	#	92
87) Benzo(b)fluoranthene	24.01	252	121256m	9.72	ng		
88) Benzo(k)fluoranthene	24.08	252	127859	10.48	ng	#	97
89) Benzo(a)pyrene	24.90	252	118385	9.79	ng		98
90) Dibenzo(a,h)anthracene	28.90	278	112359	9.27	ng	#	93
91) Benzo(g,h,i)perylene	30.01	276	116305	9.78	ng		96

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

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