Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032648.D
Acq On : 12 Feb 2018 13:58
Operator : SJ/JU
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
2/14/2018 10:36:18 AM

Quant Time: Feb 12 18:00:51 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 15:32:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	31800	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	134625	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	99751	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	248655	20.00	ng		0.00
75) Chrysene-d12	22.37	240	311381	20.00	ng		0.00
86) Perylene-d12	26.02	264	323103	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.12	112	75649	47.78	ng		0.00
7) Phenol-d6	7.79	99	102780	48.65	ng		0.00
23) Nitrobenzene-d5	9.87	82	111263	51.62	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	76540	40.31	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	397397	47.35	ng		0.00
78) Terphenyl-d14	20.58	244	697855	48.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	16367	30.73	ng	#	76
3) Pyridine	4.24	79	41020	28.52	ng		89
4) n-Nitrosodimethylamine	4.15	42	18205	24.31	ng	#	68
6) Aniline	7.97	93	65940	25.03	ng		95
8) 2-Chlorophenol	8.22	128	46882	25.05	ng		92
9) Benzaldehyde	7.78	77	35533m	32.56	ng		
10) Phenol	7.82	94	53112	26.47	ng		93
11) bis(2-Chloroethyl)ether	8.06	93	40840	26.72	ng		83
12) 1,3-Dichlorobenzene	8.56	146	63125	24.94	ng		97
13) 1,4-Dichlorobenzene	8.72	146	62578	24.67	ng		95
14) 1,2-Dichlorobenzene	9.04	146	64789	26.07	ng		99
15) Benzyl Alcohol	8.92	79	37484	21.53	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.20	45	45703	31.55	ng		70
17) 2-Methylphenol	9.12	107	36262	22.25	ng		95
18) Hexachloroethane	9.79	117	22724	26.68	ng	#	82
19) n-Nitroso-di-n-propylamine	9.49	70	36835	26.30	ng	#	93
20) 3+4-Methylphenols	9.45	107	53143	23.25	ng		94
22) Acetophenone	9.51	105	76497	24.24	ng	#	90
24) Nitrobenzene	9.91	77	54504	26.15	ng		98
25) Isophorone	10.43	82	101189	27.57	ng	#	85
26) 2-Nitrophenol	10.64	139	29337	23.29	ng		90
27) 2,4-Dimethylphenol	10.68	122	38834	21.47	ng		88
28) bis(2-Chloroethoxy)methane	10.92	93	52548	26.11	ng	#	97
29) 2,4-Dichlorophenol	11.18	162	58039	24.23	ng		87
30) 1,2,4-Trichlorobenzene	11.41	180	79277	24.83	ng		100
31) Naphthalene	11.60	128	161181	24.51	ng		99
32) Benzoic acid	10.79	122	28592m	23.46	ng		
33) 4-Chloroaniline	11.71	127	65532	22.35	ng		95
34) Hexachlorobutadiene	11.87	225	65475	26.36	ng		92
35) Caprolactam	12.43	113	16195	23.55	ng	#	48
36) 4-Chloro-3-methylphenol	12.78	107	51252	22.56	ng		93
37) 2-Methylnaphthalene	13.17	142	134588	24.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	117518	25.18	ng	#	94
40) Hexachlorocyclopentadiene	13.49	237	71507	24.52	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.76	196	57390m	22.61	ng		
43) 2,4,5-Trichlorophenol	13.83	196	68884	23.28	ng	#	86
45) 1,1'-Biphenyl	14.14	154	205517	24.39	ng		96
46) 2-Chloronaphthalene	14.20	162	163896	24.81	ng		96
47) 2-Nitroaniline	14.39	65	34605	23.69	ng		85
48) Acenaphthylene	15.04	152	240540	24.09	ng		100
49) Dimethylphthalate	14.74	163	214212	23.29	ng		99
50) 2,6-Dinitrotoluene	14.87	165	45515	23.58	ng		86
51) Acenaphthene	15.37	154	159520	23.03	ng		98
52) 3-Nitroaniline	15.21	138	39756	23.58	ng	#	82
53) 2,4-Dinitrophenol	15.41	184	13542	12.50	ng	#	67
54) Dibenzofuran	15.70	168	240646	23.48	ng		95
55) 4-Nitrophenol	15.51	139	24032m	19.04	ng		
56) 2,4-Dinitrotoluene	15.65	165	62595	22.77	ng	#	72
57) Fluorene	16.35	166	201434	23.65	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.92	232	67479	23.12	ng	#	83
59) Diethylphthalate	16.08	149	209278	23.36	ng		99
60) 4-Chlorophenyl-phenylether	16.33	204	127639	23.76	ng		92
61) 4-Nitroaniline	16.37	138	39401	21.80	ng		83
62) Azobenzene	16.62	77	135864	25.38	ng		86
64) 4,6-Dinitro-2-methylphenol	16.41	198	39875	21.47	ng	#	70
65) n-Nitrosodiphenylamine	16.54	169	180792	24.36	ng		99
66) 4-Bromophenyl-phenylether	17.22	248	90058	24.45	ng		92
67) Hexachlorobenzene	17.35	284	93156	22.85	ng	#	90
68) Atrazine	17.46	200	81206	25.49	ng		97
69) Pentachlorophenol	17.69	266	56070	21.96	ng		97
70) Phenanthrene	18.09	178	331458	23.90	ng		99
71) Anthracene	18.18	178	342658	24.82	ng		97
72) Carbazole	18.45	167	297709	24.40	ng		98
73) Di-n-butylphthalate	18.95	149	333593	24.70	ng		97
74) Fluoranthene	20.06	202	452877	24.90	ng		95
76) Benzidine	20.23	184	185634	30.36	ng		99
77) Pyrene	20.41	202	468809	24.55	ng		98
79) Butylbenzylphthalate	21.27	149	149444	24.81	ng	#	79
80) Benzo(a)anthracene	22.35	228	483151	25.03	ng		97
81) 3,3'-Dichlorobenzidine	22.24	252	186132	24.89	ng	#	98
82) Chrysene	22.42	228	480992	25.80	ng		98
83) Bis(2-ethylhexyl)phthalate	22.19	149	216868	25.39	ng	#	98
84) Di-n-octyl phthalate	23.55	149	341341	25.20	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.23	276	562426	23.85	ng	#	84
87) Benzo(b)fluoranthene	24.85	252	487481	24.97	ng	#	94
88) Benzo(k)fluoranthene	24.93	252	501345	25.92	ng	#	96
89) Benzo(a)pyrene	25.84	252	474252	25.48	ng	#	93
90) Dibenzo(a,h)anthracene	30.31	278	471649	24.77	ng	#	94
91) Benzo(g,h,i)perylene	31.55	276	452046	23.92	ng	#	90

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

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