Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021153.D
Acq On : 29 Feb 2016 13:36
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
3/1/2016 3:01:07 PM

Quant Time: Feb 29 15:59:10 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 15:24:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	7062	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	36082	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	25559	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	65826	20.00	ng		0.00
75) Chrysene-d12	21.77	240	73304	20.00	ng		0.00
86) Perylene-d12	25.04	264	66857	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	8876	22.00	ng		0.00
7) Phenol-d6	7.29	99	14131	23.54	ng		0.00
23) Nitrobenzene-d5	9.31	82	17172	22.68	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	5457	16.28	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	35021	17.53	ng		0.00
78) Terphenyl-d14	20.08	244	58961	18.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	2268	12.14	ng		98
3) Pyridine	4.00	79	6034	11.05	ng	#	86
4) n-Nitrosodimethylamine	3.90	42	2920	10.54	ng	#	93
6) Aniline	7.47	93	9489	12.78	ng	#	88
8) 2-Chlorophenol	7.71	128	5399	10.73	ng	#	80
9) Benzaldehyde	7.29	77	5213	16.03	ng	#	79
10) Phenol	7.32	94	7610	12.38	ng		82
11) bis(2-Chloroethyl)ether	7.56	93	5793	12.29	ng		89
12) 1,3-Dichlorobenzene	8.04	146	5743	10.73	ng	#	93
13) 1,4-Dichlorobenzene	8.19	146	5634	9.85	ng	#	91
14) 1,2-Dichlorobenzene	8.51	146	5297	9.78	ng		92
15) Benzyl Alcohol	8.38	79	6524	12.44	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.68	45	10095	18.68	ng		96
17) 2-Methylphenol	8.58	107	5547	12.78	ng	#	81
18) Hexachloroethane	9.24	117	2437	11.26	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	6760	14.60	ng		97
20) 3+4-Methylphenols	8.90	107	7853	13.05	ng		94
22) Acetophenone	8.97	105	10620	10.66	ng		95
24) Nitrobenzene	9.36	77	9053	11.57	ng	#	86
25) Isophorone	9.88	82	18585	13.09	ng	#	92
26) 2-Nitrophenol	10.07	139	3421	10.34	ng	#	65
27) 2,4-Dimethylphenol	10.11	122	6678	11.45	ng		91
28) bis(2-Chloroethoxy)methane	10.36	93	8766	12.67	ng		95
29) 2,4-Dichlorophenol	10.60	162	5696	9.97	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	5725	8.84	ng		88
31) Naphthalene	11.01	128	19271	10.40	ng		99
32) Benzoic acid	10.17	122	3052m	5.70	ng		
33) 4-Chloroaniline	11.12	127	8825	11.40	ng	#	89
34) Hexachlorobutadiene	11.29	225	3391	7.83	ng		93
35) Caprolactam	11.86	113	2945	15.26	ng	#	73
36) 4-Chloro-3-methylphenol	12.21	107	9079	12.97	ng	#	84
37) 2-Methylnaphthalene	12.61	142	13518	10.39	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	7122	7.54	ng	#	98
40) Hexachlorocyclopentadiene	12.95	237	3187	5.13	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	5577	9.42	ng		87
43) 2,4,5-Trichlorophenol	13.26	196	6421	10.55	ng		86
45) 1,1'-Biphenyl	13.60	154	20476	9.51	ng		93
46) 2-Chloronaphthalene	13.65	162	15353	9.40	ng	#	91
47) 2-Nitroaniline	13.84	65	8016	15.15	ng	#	63
48) Acenaphthylene	14.49	152	26800	10.37	ng		97
49) Dimethylphthalate	14.21	163	23687	10.75	ng	#	97
50) 2,6-Dinitrotoluene	14.33	165	4783	10.55	ng	#	58
51) Acenaphthene	14.83	154	16167	9.17	ng		95
52) 3-Nitroaniline	14.66	138	5596	12.69	ng	#	74
53) 2,4-Dinitrophenol	14.86	184	963	3.05	ng		92
54) Dibenzofuran	15.16	168	23160	10.37	ng		90
55) 4-Nitrophenol	14.94	139	4512	11.54	ng	#	50
56) 2,4-Dinitrotoluene	15.11	165	6945	10.69	ng	#	76
57) Fluorene	15.80	166	21605	9.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.37	232	5313m	10.04	ng		
59) Diethylphthalate	15.56	149	26781	11.53	ng		98
60) 4-Chlorophenyl-phenylether	15.79	204	10760	9.01	ng		95
61) 4-Nitroaniline	15.81	138	5867	11.68	ng	#	59
62) Azobenzene	16.08	77	28130	13.99	ng		92
64) 4,6-Dinitro-2-methylphenol	15.87	198	2821	5.84	ng		79
65) n-Nitrosodiphenylamine	16.00	169	19965	10.28	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	6643	8.57	ng	#	86
67) Hexachlorobenzene	16.80	284	6508	7.96	ng	#	82
68) Atrazine	16.94	200	7625	10.60	ng		95
69) Pentachlorophenol	17.14	266	3414	6.19	ng		89
70) Phenanthrene	17.54	178	35025	9.89	ng		98
71) Anthracene	17.63	178	36386	10.20	ng		97
72) Carbazole	17.89	167	33085	10.74	ng		97
73) Di-n-butylphthalate	18.45	149	46294	11.40	ng	#	98
74) Fluoranthene	19.53	202	42892	9.65	ng		99
76) Benzidine	19.71	184	21649	11.23	ng		98
77) Pyrene	19.90	202	43955	10.83	ng		99
79) Butylbenzylphthalate	20.77	149	21930	12.95	ng		94
80) Benzo(a)anthracene	21.74	228	43539	10.32	ng		95
81) 3,3'-Dichlorobenzidine	21.65	252	16076	9.74	ng		98
82) Chrysene	21.81	228	41344	10.18	ng		98
83) Bis(2-ethylhexyl)phthalate	21.64	149	32162	12.29	ng		99
84) Di-n-octyl phthalate	22.87	149	53999	12.32	ng		98
85) Indeno(1,2,3-cd)pyrene	28.76	276	45481	9.29	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	40944	9.80	ng		96
88) Benzo(k)fluoranthene	24.06	252	40878	9.92	ng		100
89) Benzo(a)pyrene	24.88	252	39061	9.74	ng		94
90) Dibenzo(a,h)anthracene	28.83	278	38839	9.60	ng	#	95
91) Benzo(g,h,i)perylene	29.93	276	37442	9.61	ng	#	93

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

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