Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022616\
Data File : BG021074.D
Acq On : 26 Feb 2016 11:54
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
Sohil
2/29/2016 10:21:31 AM

Quant Time: Feb 26 16:42:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 14:25:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	4344	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	19598	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	13303	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	34368	20.00	ng		0.00
75) Chrysene-d12	21.79	240	44857	20.00	ng		0.00
86) Perylene-d12	25.09	264	43100	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	1137	4.59	ng		0.00
7) Phenol-d6	7.31	99	1645	4.31	ng		-0.02
23) Nitrobenzene-d5	9.33	82	1839	5.51	ng		-0.02
41) 2,4,6-Tribromophenol	16.26	330	701	4.40	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	5127	5.37	ng		0.00
78) Terphenyl-d14	20.10	244	8902	2.58	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.49	93	939	2.09	ng	#	89
8) 2-Chlorophenol	7.73	128	688	2.31	ng	#	84
9) Benzaldehyde	7.30	77	559	3.03	ng	#	76
11) bis(2-Chloroethyl)ether	7.59	93	740	2.32	ng	#	65
12) 1,3-Dichlorobenzene	8.06	146	679	2.02	ng	#	84
13) 1,4-Dichlorobenzene	8.21	146	978m	2.78	ng		
14) 1,2-Dichlorobenzene	8.53	146	812	2.49	ng	#	85
15) Benzyl Alcohol	8.40	79	701	2.70	ng		89
17) 2-Methylphenol	8.59	107	542	2.00	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	580	2.16	ng	#	78
22) Acetophenone	8.99	105	1230	2.71	ng	#	91
24) Nitrobenzene	9.38	77	805	2.22	ng	#	86
25) Isophorone	9.91	82	1745	2.54	ng	#	67
27) 2,4-Dimethylphenol	10.13	122	732	2.53	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	799	2.15	ng	#	91
30) 1,2,4-Trichlorobenzene	10.85	180	888	3.12	ng	#	66
31) Naphthalene	11.03	128	2415	2.36	ng	#	83
33) 4-Chloroaniline	11.13	127	853	2.08	ng	#	58
34) Hexachlorobutadiene	11.32	225	421	2.66	ng		95
36) 4-Chloro-3-methylphenol	12.24	107	797	2.37	ng	#	72
37) 2-Methylnaphthalene	12.62	142	1690	2.27	ng		87
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	1145	3.11	ng	#	93
40) Hexachlorocyclopentadiene	12.97	237	640	3.07	ng		88
42) 2,4,6-Trichlorophenol	13.22	196	586	2.24	ng	#	84
43) 2,4,5-Trichlorophenol	13.28	196	558	2.08	ng	#	82
45) 1,1'-Biphenyl	13.62	154	2760	2.39	ng		96
46) 2-Chloronaphthalene	13.67	162	2024	2.51	ng	#	87
47) 2-Nitroaniline	13.85	65	492	2.02	ng	#	78
48) Acenaphthylene	14.51	152	3162	2.14	ng	#	91
49) Dimethylphthalate	14.23	163	2740	2.53	ng	#	97
50) 2,6-Dinitrotoluene	14.35	165	494	2.22	ng		99
51) Acenaphthene	14.84	154	2169	2.56	ng		92
54) Dibenzofuran	15.18	168	2742	2.28	ng	#	86
56) 2,4-Dinitrotoluene	15.13	165	684	2.14	ng	#	90

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57) Fluorene	15.82	166	2654	2.33	ng	#	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	554	2.47	ng	#	59
59) Diethylphthalate	15.58	149	2966	2.49	ng	#	96
60) 4-Chlorophenyl-phenylether	15.81	204	1493	2.84	ng		94
62) Azobenzene	16.10	77	2383	2.31	ng		85
65) n-Nitrosodiphenylamine	16.02	169	2403	2.32	ng		89
66) 4-Bromophenyl-phenylether	16.70	248	908	2.51	ng		87
67) Hexachlorobenzene	16.81	284	1006	2.54	ng	#	88
68) Atrazine	16.96	200	876	2.70	ng		82
70) Phenanthrene	17.55	178	4560	2.35	ng		97
71) Anthracene	17.65	178	4229	2.18	ng		97
72) Carbazole	17.91	167	3702	2.12	ng		96
73) Di-n-butylphthalate	18.47	149	4595	2.16	ng	#	97
74) Fluoranthene	19.55	202	5555	2.84	ng		91
80) Benzo(a)anthracene	21.77	228	6202m	2.31	ng		
81) 3,3'-Dichlorobenzidine	21.67	252	2246	2.26	ng	#	77
82) Chrysene	21.83	228	6157	2.45	ng		95
84) Di-n-octyl phthalate	22.91	149	6071	2.16	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.84	276	7183m	3.18	ng		
87) Benzo(b)fluoranthene	24.03	252	6441	2.27	ng	#	93
88) Benzo(k)fluoranthene	24.09	252	6253	2.33	ng	#	89
89) Benzo(a)pyrene	24.92	252	6150	2.42	ng	#	94
90) Dibenzo(a,h)anthracene	28.90	278	6138	2.68	ng	#	85
91) Benzo(g,h,i)perylene	29.99	276	6092	2.66	ng	#	94

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

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