Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060517\
Data File : BG027210.D
Acq On : 5 Jun 2017 13:20
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
6/6/2017 5:13:50 PM

Quant Time: Jun 05 14:22:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 14:01:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.58	152	64337	20.00	ng		0.00
21) Naphthalene-d8	11.40	136	311443	20.00	ng		0.00
38) Acenaphthene-d10	15.16	164	199375	20.00	ng		0.00
63) Phenanthrene-d10	17.91	188	423041	20.00	ng		0.00
75) Chrysene-d12	22.31	240	422791	20.00	ng		0.00
86) Perylene-d12	26.02	264	400903	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	425478	117.38	ng		0.00
7) Phenol-d6	7.71	99	631118	129.69	ng		0.00
23) Nitrobenzene-d5	9.74	82	525424	101.44	ng		0.00
41) 2,4,6-Tribromophenol	16.65	330	277421	121.51	ng		0.00
44) 2-Fluorobiphenyl	13.79	172	1385387	97.45	ng		0.00
78) Terphenyl-d14	20.49	244	1589430	91.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.17	88	83660	51.42	ng	#	78
3) Pyridine	4.56	79	267946	60.13	ng	#	73
4) n-Nitrosodimethylamine	4.46	42	100407	82.44	ng	#	51
6) Aniline	7.90	93	397995	61.22	ng	#	92
8) 2-Chlorophenol	8.14	128	227458	55.73	ng		86
9) Benzaldehyde	7.72	77	213339	64.94	ng		81
10) Phenol	7.74	94	316575	60.96	ng	#	74
11) bis(2-Chloroethyl)ether	7.98	93	256053	60.13	ng	#	82
12) 1,3-Dichlorobenzene	8.47	146	250966	51.65	ng	#	92
13) 1,4-Dichlorobenzene	8.61	146	253786	51.63	ng		94
14) 1,2-Dichlorobenzene	8.94	146	247248	52.56	ng		93
15) Benzyl Alcohol	8.81	79	226784	71.08	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	9.09	45	365509	77.29	ng		91
17) 2-Methylphenol	8.99	107	226959	61.54	ng	#	85
18) Hexachloroethane	9.67	117	88032	54.77	ng		86
19) n-Nitroso-di-n-propylamine	9.38	70	220079	70.35	ng	#	84
20) 3+4-Methylphenols	9.32	107	319962	63.01	ng		88
22) Acetophenone	9.40	105	404383	56.46	ng	#	82
24) Nitrobenzene	9.79	77	292870	57.27	ng	#	84
25) Isophorone	10.32	82	596254	61.08	ng	#	95
26) 2-Nitrophenol	10.50	139	115459	43.39	ng	#	75
27) 2,4-Dimethylphenol	10.53	122	258433	59.16	ng		92
28) bis(2-Chloroethoxy)methane	10.77	93	380294	59.96	ng		99
29) 2,4-Dichlorophenol	11.03	162	241808	54.74	ng		97
30) 1,2,4-Trichlorobenzene	11.25	180	256648	51.72	ng		98
31) Naphthalene	11.45	128	841329	53.43	ng		100
32) Benzoic acid	10.67	122	169201	50.34	ng	#	80
33) 4-Chloroaniline	11.54	127	363312	56.72	ng	#	87
34) Hexachlorobutadiene	11.73	225	156587	53.49	ng		97
35) Caprolactam	12.34	113	82983	47.68	ng	#	70
36) 4-Chloro-3-methylphenol	12.62	107	292132	61.82	ng		88
37) 2-Methylnaphthalene	13.01	142	615876m	53.39	ng		
39) 1,2,4,5-Tetrachlorobenzene	13.37	216	313831	52.32	ng		98
40) Hexachlorocyclopentadiene	13.35	237	170795	54.09	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.60	196	197623	50.32	ng		95
43) 2,4,5-Trichlorophenol	13.67	196	215909	49.73	ng		93
45) 1,1'-Biphenyl	14.00	154	803702	48.68	ng		99
46) 2-Chloronaphthalene	14.05	162	605064	50.17	ng		98
47) 2-Nitroaniline	14.24	65	168586	49.16	ng	#	79
48) Acenaphthylene	14.89	152	1020557	48.55	ng		99
49) Dimethylphthalate	14.61	163	777308	51.65	ng		98
50) 2,6-Dinitrotoluene	14.72	165	158366	45.09	ng	#	76
51) Acenaphthene	15.23	154	663705	51.27	ng		99
52) 3-Nitroaniline	15.06	138	161907	41.87	ng		85
53) 2,4-Dinitrophenol	15.25	184	61437	30.15	ng	#	42
54) Dibenzofuran	15.56	168	907790	49.80	ng		91
55) 4-Nitrophenol	15.33	139	132819	41.94	ng	#	56
56) 2,4-Dinitrotoluene	15.50	165	196635	39.81	ng	#	88
57) Fluorene	16.21	166	801611	49.42	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.77	232	197756	52.23	ng	#	98
59) Diethylphthalate	15.96	149	767130	49.87	ng		98
60) 4-Chlorophenyl-phenylether	16.19	204	410005	53.34	ng		92
61) 4-Nitroaniline	16.22	138	160066	39.13	ng	#	67
62) Azobenzene	16.49	77	713722	57.07	ng		89
64) 4,6-Dinitro-2-methylphenol	16.27	198	96371	36.13	ng		93
65) n-Nitrosodiphenylamine	16.40	169	689514	55.54	ng		99
66) 4-Bromophenyl-phenylether	17.09	248	261541	60.07	ng		96
67) Hexachlorobenzene	17.21	284	279124	60.09	ng	#	88
68) Atrazine	17.34	200	227726	48.45	ng		96
69) Pentachlorophenol	17.55	266	163835	54.25	ng		98
70) Phenanthrene	17.96	178	1164746	51.27	ng		97
71) Anthracene	18.05	178	1185628	51.15	ng		99
72) Carbazole	18.31	167	1082395	45.36	ng		96
73) Di-n-butylphthalate	18.85	149	1062213	43.32	ng	#	93
74) Fluoranthene	19.95	202	1181460	44.23	ng		95
76) Benzidine	20.11	184	637844	43.76	ng		98
77) Pyrene	20.31	202	1208723	49.37	ng		99
79) Butylbenzylphthalate	21.20	149	465800	47.55	ng		92
80) Benzo(a)anthracene	22.29	228	1204506	50.63	ng		97
81) 3,3'-Dichlorobenzidine	22.18	252	489479	50.25	ng		97
82) Chrysene	22.37	228	1149633	50.57	ng		97
83) Bis(2-ethylhexyl)phthalate	22.16	149	693300	46.86	ng		99
84) Di-n-octyl phthalate	23.56	149	1158806	45.90	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.32	276	1429731	50.94	ng	#	93
87) Benzo(b)fluoranthene	24.83	252	1253607	53.04	ng	#	96
88) Benzo(k)fluoranthene	24.92	252	1222941	53.36	ng	#	94
89) Benzo(a)pyrene	25.85	252	1182234	52.16	ng	#	94
90) Dibenzo(a,h)anthracene	30.40	278	1238982	54.08	ng	#	93
91) Benzo(g,h,i)perylene	31.66	276	1201885	52.07	ng	#	89

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

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