Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG025999.D
Acq On : 28 Feb 2017 16:20
Operator : SJ/MA
Sample : PB97196BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97196BS

Manual Integrations APPROVED
mohammad
3/1/2017 3:07:05 PM

Quant Time: Mar 01 00:57:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 28 15:36:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	103847	20.00	ng		-0.02
21) Naphthalene-d8	10.88	136	489353	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	337762	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	908991	20.00	ng		0.00
75) Chrysene-d12	21.66	240	925080	20.00	ng		-0.02
86) Perylene-d12	24.86	264	911904	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	803466	134.70	ng		-0.01
7) Phenol-d6	7.23	99	1107307	125.45	ng		0.00
23) Nitrobenzene-d5	9.23	82	599411	77.30	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	552245	176.97	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1701357	88.02	ng		-0.02
78) Terphenyl-d14	20.01	244	2570847	67.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	75062	27.53	ng	#	80
3) Pyridine	3.93	79	216113	26.60	ng	#	69
4) n-Nitrosodimethylamine	3.84	42	87250	29.87	ng	#	22
6) Aniline	7.40	93	233260	19.01	ng	#	90
8) 2-Chlorophenol	7.64	128	290327	40.95	ng		86
9) Benzaldehyde	7.21	77	99074	18.94	ng	#	70
10) Phenol	7.26	94	381770	39.80	ng	#	73
11) bis(2-Chloroethyl)ether	7.49	93	256779	32.57	ng		85
12) 1,3-Dichlorobenzene	7.97	146	282767	34.51	ng	#	86
13) 1,4-Dichlorobenzene	8.11	146	290585	35.01	ng		94
14) 1,2-Dichlorobenzene	8.43	146	284830	34.95	ng	#	91
15) Benzyl Alcohol	8.31	79	246312	38.11	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	310111	27.11	ng		87
17) 2-Methylphenol	8.51	107	267239	38.68	ng	#	81
18) Hexachloroethane	9.16	117	93348	33.93	ng		88
19) n-Nitroso-di-n-propylamine	8.87	70	211102	32.75	ng	#	78
20) 3+4-Methylphenols	8.83	107	378752	38.47	ng		85
22) Acetophenone	8.89	105	419289	35.71	ng	#	78
24) Nitrobenzene	9.27	77	301884	36.00	ng	#	76
25) Isophorone	9.79	82	595100	34.87	ng	#	88
26) 2-Nitrophenol	9.98	139	168729	43.03	ng	#	66
27) 2,4-Dimethylphenol	10.04	122	311375	42.55	ng		87
28) bis(2-Chloroethoxy)methane	10.28	93	378391	34.99	ng		99
29) 2,4-Dichlorophenol	10.52	162	315526	45.17	ng		96
30) 1,2,4-Trichlorobenzene	10.74	180	293356	38.62	ng		98
31) Naphthalene	10.93	128	916039	36.21	ng		99
32) Benzoic acid	10.16	122	240620	43.06	ng	#	77
33) 4-Chloroaniline	11.03	127	93852	8.54	ng	#	85
34) Hexachlorobutadiene	11.22	225	159144	36.82	ng		98
35) Caprolactam	11.79	113	137123m	48.61	ng		
36) 4-Chloro-3-methylphenol	12.14	107	369059	44.16	ng	#	83
37) 2-Methylnaphthalene	12.52	142	738085	38.30	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	339440	40.10	ng		99
40) Hexachlorocyclopentadiene	12.87	237	370400	79.96	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	275406	50.37	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	297383	47.91	ng	#	93
45) 1,1'-Biphenyl	13.52	154	1000172	40.86	ng		98
46) 2-Chloronaphthalene	13.56	162	744291	42.06	ng		97
47) 2-Nitroaniline	13.75	65	255783	45.58	ng	#	65
48) Acenaphthylene	14.40	152	1322539	41.98	ng		99
49) Dimethylphthalate	14.13	163	1063680	45.90	ng		98
50) 2,6-Dinitrotoluene	14.25	165	252797	48.57	ng	#	64
51) Acenaphthene	14.74	154	867414	41.69	ng		99
52) 3-Nitroaniline	14.57	138	125945	21.63	ng	#	66
53) 2,4-Dinitrophenol	14.78	184	309773	113.73	ng	#	85
54) Dibenzofuran	15.08	168	1304085	47.01	ng		91
55) 4-Nitrophenol	14.88	139	493131	104.07	ng	#	45
56) 2,4-Dinitrotoluene	15.03	165	370544	52.91	ng	#	75
57) Fluorene	15.72	166	1104429	44.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	304214	55.56	ng		99
59) Diethylphthalate	15.49	149	1123771	46.89	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	521661	45.42	ng		91
61) 4-Nitroaniline	15.73	138	299530	49.63	ng	#	53
62) Azobenzene	16.00	77	988551	47.98	ng		85
64) 4,6-Dinitro-2-methylphenol	15.79	198	220132	41.38	ng		88
65) n-Nitrosodiphenylamine	15.92	169	1017984	36.93	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	361588	37.95	ng		97
67) Hexachlorobenzene	16.72	284	375770	38.27	ng		95
68) Atrazine	16.86	200	384613	39.42	ng		97
69) Pentachlorophenol	17.06	266	497601	82.15	ng		97
70) Phenanthrene	17.46	178	1827761	37.04	ng		97
71) Anthracene	17.54	178	1887693	37.52	ng		99
72) Carbazole	17.80	167	1759410	34.81	ng		96
73) Di-n-butylphthalate	18.36	149	2028168	40.88	ng	#	95
74) Fluoranthene	19.45	202	2047157	37.68	ng		95
76) Benzidine	19.62	184	559532	19.16	ng		99
77) Pyrene	19.81	202	2059628	35.20	ng		98
79) Butylbenzylphthalate	20.69	149	897010	40.40	ng		86
80) Benzo(a)anthracene	21.64	228	1974743	36.56	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	437200	22.71	ng	#	98
82) Chrysene	21.70	228	1799719	34.65	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	1262455	39.38	ng		96
84) Di-n-octyl phthalate	22.74	149	2179905	41.17	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	2392957	39.12	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	2016714	36.93	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	2007578	37.67	ng	#	95
89) Benzo(a)pyrene	24.71	252	1964614	37.99	ng	#	93
90) Dibenzo(a,h)anthracene	28.57	278	1989378	38.29	ng	#	91
91) Benzo(g,h,i)perylene	29.64	276	1999499	38.38	ng	#	88

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

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