Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022717\
Data File : BG025967.D
Acq On : 27 Feb 2017 17:12
Operator : SJ/MA
Sample : PB97190BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97190BS

Manual Integrations APPROVED
mohammad
3/1/2017 12:37:37 PM

Quant Time: Feb 28 02:16:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	82300	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	420689	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	296686	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	771767	20.00	ng		0.00
75) Chrysene-d12	21.66	240	789117	20.00	ng		-0.02
86) Perylene-d12	24.86	264	775250	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	760291	160.84	ng		-0.01
7) Phenol-d6	7.24	99	1097198	156.85	ng		0.00
23) Nitrobenzene-d5	9.23	82	601994	90.31	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	510188	186.13	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1678198	98.84	ng		-0.01
78) Terphenyl-d14	20.00	244	2519505	77.65	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	68743	31.82	ng	#	85
3) Pyridine	3.93	79	206272	32.04	ng	#	76
4) n-Nitrosodimethylamine	3.84	42	87036	37.59	ng	#	39
6) Aniline	7.40	93	251402	25.85	ng		92
8) 2-Chlorophenol	7.64	128	272779	48.55	ng		87
9) Benzaldehyde	7.21	77	76936	18.56	ng	#	72
10) Phenol	7.26	94	369913	48.66	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	238302	38.14	ng		92
12) 1,3-Dichlorobenzene	7.97	146	253685	39.06	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	257913m	39.20	ng		
14) 1,2-Dichlorobenzene	8.44	146	252527	39.10	ng		90
15) Benzyl Alcohol	8.31	79	245963	48.02	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	8.61	45	318860	35.17	ng		90
17) 2-Methylphenol	8.51	107	258006	47.11	ng	#	83
18) Hexachloroethane	9.16	117	83326	38.22	ng		91
19) n-Nitroso-di-n-propylamine	8.88	70	209354	40.98	ng	#	79
20) 3+4-Methylphenols	8.83	107	365049	46.79	ng		85
22) Acetophenone	8.89	105	399246	39.55	ng	#	80
24) Nitrobenzene	9.28	77	288566	40.03	ng	#	76
25) Isophorone	9.80	82	605324	41.26	ng	#	91
26) 2-Nitrophenol	9.99	139	158053	46.89	ng	#	69
27) 2,4-Dimethylphenol	10.04	122	304276	48.36	ng		88
28) bis(2-Chloroethoxy)methane	10.27	93	372635	40.08	ng		98
29) 2,4-Dichlorophenol	10.52	162	302368	50.35	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	262129	40.14	ng		97
31) Naphthalene	10.93	128	856765	39.39	ng		99
32) Benzoic acid	10.16	122	248404	51.71	ng	#	79
33) 4-Chloroaniline	11.03	127	150079	15.89	ng	#	85
34) Hexachlorobutadiene	11.22	225	139274	37.48	ng		96
35) Caprolactam	11.79	113	139703m	57.61	ng		
36) 4-Chloro-3-methylphenol	12.14	107	374931	52.19	ng	#	80
37) 2-Methylnaphthalene	12.52	142	703622	42.47	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	310760	41.79	ng		99
40) Hexachlorocyclopentadiene	12.87	237	354840	87.20	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	264776	55.13	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	290738	53.33	ng	#	93
45) 1,1'-Biphenyl	13.52	154	963187	44.80	ng		98
46) 2-Chloronaphthalene	13.56	162	706933	45.48	ng		98
47) 2-Nitroaniline	13.75	65	263249	53.40	ng	#	75
48) Acenaphthylene	14.40	152	1267571	45.80	ng		98
49) Dimethylphthalate	14.13	163	1029824	50.59	ng		98
50) 2,6-Dinitrotoluene	14.25	165	240986	52.71	ng	#	69
51) Acenaphthene	14.75	154	941527	51.51	ng		97
52) 3-Nitroaniline	14.57	138	141751	27.72	ng	#	76
53) 2,4-Dinitrophenol	14.78	184	277877	116.14	ng	#	88
54) Dibenzofuran	15.07	168	1250276	51.31	ng		91
55) 4-Nitrophenol	14.87	139	482464	115.92	ng	#	50
56) 2,4-Dinitrotoluene	15.03	165	351624	57.16	ng	#	78
57) Fluorene	15.72	166	1046551	48.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	287962	59.87	ng		96
59) Diethylphthalate	15.49	149	1093917	51.96	ng		97
60) 4-Chlorophenyl-phenylether	15.71	204	489246	48.49	ng		95
61) 4-Nitroaniline	15.73	138	284838	53.73	ng	#	55
62) Azobenzene	16.00	77	985804	54.48	ng		87
64) 4,6-Dinitro-2-methylphenol	15.79	198	204905	45.37	ng		93
65) n-Nitrosodiphenylamine	15.92	169	970098	41.45	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	334231	41.32	ng		99
67) Hexachlorobenzene	16.73	284	343889	41.25	ng		96
68) Atrazine	16.86	200	369110	44.56	ng		97
69) Pentachlorophenol	17.06	266	458862	89.23	ng		96
70) Phenanthrene	17.45	178	1734537	41.40	ng		97
71) Anthracene	17.54	178	1793194	41.98	ng		99
72) Carbazole	17.81	167	1698658	39.59	ng		97
73) Di-n-butylphthalate	18.36	149	1962855	46.60	ng	#	94
74) Fluoranthene	19.45	202	1963062	42.56	ng		95
76) Benzidine	19.62	184	537819	21.59	ng		97
77) Pyrene	19.81	202	1979956	39.67	ng		99
79) Butylbenzylphthalate	20.69	149	881113	46.52	ng		87
80) Benzo(a)anthracene	21.64	228	1884858	40.91	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	417138	25.40	ng	#	98
82) Chrysene	21.71	228	1723381	38.90	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1244290	45.50	ng		98
84) Di-n-octyl phthalate	22.75	149	2166641	47.97	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.51	276	2278256	43.66	ng	#	88
87) Benzo(b)fluoranthene	23.85	252	1923042	41.42	ng	#	95
88) Benzo(k)fluoranthene	23.92	252	1901592	41.98	ng	#	92
89) Benzo(a)pyrene	24.71	252	1873506	42.61	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	1877246	42.50	ng	#	92
91) Benzo(g,h,i)perylene	29.66	276	1883107	42.52	ng	#	89

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

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