Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030217\
Data File : BG026024.D
Acq On : 2 Mar 2017 11:22
Operator : SJ/MA
Sample : PB97270BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97270BS

Manual Integrations APPROVED
mohammad
3/3/2017 10:56:25 AM

Quant Time: Mar 02 15:10:29 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	114267	20.00	ng		-0.02
21) Naphthalene-d8	10.88	136	480071	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	279349	20.00	ng		-0.02
63) Phenanthrene-d10	17.41	188	653127	20.00	ng		0.00
75) Chrysene-d12	21.66	240	656391	20.00	ng		-0.02
86) Perylene-d12	24.85	264	614621	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1084750	165.28	ng		0.00
7) Phenol-d6	7.23	99	1388868	143.00	ng		0.00
23) Nitrobenzene-d5	9.23	82	755106	99.26	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	502823	194.83	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1924310	120.37	ng		-0.02
78) Terphenyl-d14	20.01	244	2463290	91.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	115847	38.62	ng	#	78
3) Pyridine	3.93	79	335148	37.50	ng	#	69
4) n-Nitrosodimethylamine	3.84	42	121564	37.82	ng	#	22
6) Aniline	7.40	93	334159	24.75	ng	#	89
8) 2-Chlorophenol	7.64	128	387039	49.62	ng		85
9) Benzaldehyde	7.21	77	95608	16.61	ng	#	73
10) Phenol	7.26	94	488686	46.30	ng	#	71
11) bis(2-Chloroethyl)ether	7.49	93	361527	41.67	ng		85
12) 1,3-Dichlorobenzene	7.97	146	411536	45.64	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	413710	45.29	ng		94
14) 1,2-Dichlorobenzene	8.43	146	405202	45.19	ng		90
15) Benzyl Alcohol	8.30	79	316924	44.56	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.61	45	417093	33.13	ng		87
17) 2-Methylphenol	8.51	107	337272	44.36	ng	#	82
18) Hexachloroethane	9.16	117	138811	45.85	ng		87
19) n-Nitroso-di-n-propylamine	8.87	70	279352	39.38	ng	#	77
20) 3+4-Methylphenols	8.83	107	462071	42.66	ng		86
22) Acetophenone	8.89	105	547846	47.56	ng	#	76
24) Nitrobenzene	9.27	77	380969	46.31	ng	#	79
25) Isophorone	9.79	82	769184	45.95	ng	#	91
26) 2-Nitrophenol	9.98	139	197350	51.30	ng	#	67
27) 2,4-Dimethylphenol	10.04	122	375829	52.35	ng		86
28) bis(2-Chloroethoxy)methane	10.27	93	482630	45.49	ng		98
29) 2,4-Dichlorophenol	10.52	162	372219	54.32	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	380160	51.01	ng		97
31) Naphthalene	10.93	128	1163404	46.87	ng		99
32) Benzoic acid	10.16	122	230664	42.08	ng	#	78
33) 4-Chloroaniline	11.02	127	129697	12.03	ng	#	83
34) Hexachlorobutadiene	11.22	225	218076	51.43	ng		97
35) Caprolactam	11.79	113	141830m	51.25	ng		
36) 4-Chloro-3-methylphenol	12.14	107	387217	47.23	ng	#	80
37) 2-Methylnaphthalene	12.52	142	882816	46.70	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	402651	57.51	ng		98
40) Hexachlorocyclopentadiene	12.87	237	423364	110.50	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	290793	64.31	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	297495	57.95	ng	#	93
45) 1,1'-Biphenyl	13.51	154	1128247	55.73	ng		97
46) 2-Chloronaphthalene	13.56	162	824829	56.36	ng		98
47) 2-Nitroaniline	13.75	65	231883	49.96	ng	#	65
48) Acenaphthylene	14.40	152	1370796	52.60	ng		100
49) Dimethylphthalate	14.13	163	1067197	55.68	ng		98
50) 2,6-Dinitrotoluene	14.24	165	234356	54.44	ng	#	68
51) Acenaphthene	14.74	154	981394	57.03	ng		99
52) 3-Nitroaniline	14.57	138	124139	25.78	ng	#	72
53) 2,4-Dinitrophenol	14.78	184	212659	94.40	ng	#	84
54) Dibenzofuran	15.07	168	1303060	56.80	ng		91
55) 4-Nitrophenol	14.87	139	392378	100.12	ng	#	47
56) 2,4-Dinitrotoluene	15.03	165	323489	55.85	ng	#	76
57) Fluorene	15.72	166	1072452	52.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	292429	64.57	ng		99
59) Diethylphthalate	15.48	149	1106508	55.82	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	511793	53.88	ng		94
61) 4-Nitroaniline	15.73	138	255323	51.15	ng	#	54
62) Azobenzene	16.00	77	959823	56.33	ng		84
64) 4,6-Dinitro-2-methylphenol	15.79	198	173877	45.49	ng		87
65) n-Nitrosodiphenylamine	15.92	169	965010	48.72	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	338993	49.52	ng		97
67) Hexachlorobenzene	16.72	284	352745	50.00	ng		95
68) Atrazine	16.86	200	364823	52.04	ng		97
69) Pentachlorophenol	17.06	266	452923	104.07	ng		98
70) Phenanthrene	17.45	178	1690101	47.67	ng		96
71) Anthracene	17.54	178	1752530	48.48	ng		99
72) Carbazole	17.80	167	1604866	44.20	ng		96
73) Di-n-butylphthalate	18.36	149	1982867	55.63	ng	#	94
74) Fluoranthene	19.45	202	1944878	49.82	ng		95
76) Benzidine	19.62	184	576222	27.81	ng		97
77) Pyrene	19.81	202	1954516	47.08	ng		99
79) Butylbenzylphthalate	20.69	149	912117	57.90	ng		88
80) Benzo(a)anthracene	21.64	228	1791828	46.75	ng		97
81) 3,3'-Dichlorobenzidine	21.54	252	351541	25.73	ng	#	96
82) Chrysene	21.70	228	1660792	45.07	ng		98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1356390	59.63	ng		99
84) Di-n-octyl phthalate	22.74	149	2286752	60.87	ng	#	84
85) Indeno(1,2,3-cd)pyrene	28.51	276	1825404	42.05	ng	#	88
87) Benzo(b)fluoranthene	23.84	252	1782498	48.42	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	1724785	48.02	ng	#	92
89) Benzo(a)pyrene	24.71	252	1659542	47.61	ng	#	94
90) Dibenzo(a,h)anthracene	28.57	278	1474771	42.12	ng	#	94
91) Benzo(g,h,i)perylene	29.65	276	1544540	43.99	ng	#	88

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

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