Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030417\
Data File : BG026068.D
Acq On : 3 Mar 2017 17:49
Operator : SJ/MA
Sample : PB97313BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB97313BSD

Manual Integrations APPROVED
mohammad
3/6/2017 3:19:28 PM

Quant Time: Mar 03 23:25:34 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	117967	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	504359	20.00	ng		-0.02
38) Acenaphthene-d10	14.67	164	282336	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	657975	20.00	ng		-0.02
75) Chrysene-d12	21.65	240	710556	20.00	ng		-0.03
86) Perylene-d12	24.85	264	673118	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	612229	90.36	ng		-0.01
7) Phenol-d6	7.23	99	781099	77.90	ng		0.00
23) Nitrobenzene-d5	9.22	82	639892	80.07	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	277866	106.52	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	1596541	98.81	ng		-0.02
78) Terphenyl-d14	20.00	244	2146919	73.49	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	98346	31.76	ng	#	75
3) Pyridine	3.93	79	271840	29.46	ng	#	68
4) n-Nitrosodimethylamine	3.84	42	96016	28.93	ng	#	6
6) Aniline	7.39	93	250356	17.96	ng	#	89
8) 2-Chlorophenol	7.64	128	316486	39.30	ng		83
9) Benzaldehyde	7.20	77	65448	11.02	ng	#	70
10) Phenol	7.25	94	394481	36.20	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	294238	32.85	ng		86
12) 1,3-Dichlorobenzene	7.96	146	342312	36.77	ng	#	88
13) 1,4-Dichlorobenzene	8.11	146	342879m	36.36	ng		
14) 1,2-Dichlorobenzene	8.43	146	328813	35.52	ng	#	90
15) Benzyl Alcohol	8.30	79	255707	34.83	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	8.60	45	332632	25.59	ng		84
17) 2-Methylphenol	8.50	107	271527	34.59	ng	#	81
18) Hexachloroethane	9.16	117	116207	37.18	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	223484	30.52	ng	#	75
20) 3+4-Methylphenols	8.83	107	369828	33.07	ng		88
22) Acetophenone	8.88	105	443875	36.68	ng	#	77
24) Nitrobenzene	9.27	77	317730	36.76	ng	#	79
25) Isophorone	9.79	82	618174	35.15	ng	#	90
26) 2-Nitrophenol	9.98	139	168409	41.67	ng	#	70
27) 2,4-Dimethylphenol	10.04	122	299429	39.70	ng		87
28) bis(2-Chloroethoxy)methane	10.27	93	391803	35.15	ng	#	98
29) 2,4-Dichlorophenol	10.52	162	299285	41.57	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	308795	39.44	ng		98
31) Naphthalene	10.92	128	947832	36.35	ng		99
32) Benzoic acid	10.15	122	181162	31.46	ng	#	68
33) 4-Chloroaniline	11.02	127	128319	11.33	ng	#	82
34) Hexachlorobutadiene	11.21	225	175222	39.33	ng		96
35) Caprolactam	11.77	113	112537	38.71	ng	#	60
36) 4-Chloro-3-methylphenol	12.13	107	311098	36.12	ng	#	81
37) 2-Methylnaphthalene	12.51	142	709848	35.74	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	318361	44.99	ng		99
40) Hexachlorocyclopentadiene	12.87	237	389752	100.65	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	230442	50.42	ng		95
43) 2,4,5-Trichlorophenol	13.18	196	240214	46.30	ng		94
45) 1,1'-Biphenyl	13.51	154	904412	44.20	ng		96
46) 2-Chloronaphthalene	13.55	162	657357	44.44	ng		98
47) 2-Nitroaniline	13.75	65	191780	40.88	ng	#	65
48) Acenaphthylene	14.40	152	1103690	41.91	ng		98
49) Dimethylphthalate	14.12	163	854910	44.14	ng		97
50) 2,6-Dinitrotoluene	14.24	165	195198	44.86	ng	#	67
51) Acenaphthene	14.74	154	808074	46.46	ng		97
52) 3-Nitroaniline	14.57	138	113501	23.32	ng	#	70
53) 2,4-Dinitrophenol	14.77	184	208575	91.61	ng	#	84
54) Dibenzofuran	15.07	168	1042852	44.97	ng		90
55) 4-Nitrophenol	14.87	139	331974	83.81	ng	#	45
56) 2,4-Dinitrotoluene	15.02	165	278239	47.53	ng	#	73
57) Fluorene	15.71	166	869444	41.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	232373m	50.77	ng		
59) Diethylphthalate	15.48	149	883651	44.11	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	408238	42.52	ng		90
61) 4-Nitroaniline	15.72	138	208813	41.39	ng	#	54
62) Azobenzene	15.99	77	770433	44.74	ng		84
64) 4,6-Dinitro-2-methylphenol	15.78	198	161924	42.05	ng		89
65) n-Nitrosodiphenylamine	15.92	169	763331	38.25	ng		100
66) 4-Bromophenyl-phenylether	16.59	248	269854	39.13	ng		96
67) Hexachlorobenzene	16.72	284	285465	40.16	ng		94
68) Atrazine	16.86	200	297270	42.09	ng		96
69) Pentachlorophenol	17.06	266	363488	82.91	ng		98
70) Phenanthrene	17.44	178	1375673	38.51	ng		97
71) Anthracene	17.54	178	1418705	38.96	ng		98
72) Carbazole	17.80	167	1311268	35.84	ng		96
73) Di-n-butylphthalate	18.36	149	1649079	45.92	ng	#	94
74) Fluoranthene	19.44	202	1656091	42.11	ng		95
76) Benzidine	19.61	184	452339	20.17	ng		97
77) Pyrene	19.81	202	1674627	37.26	ng		97
79) Butylbenzylphthalate	20.68	149	776250	45.52	ng		87
80) Benzo(a)anthracene	21.63	228	1537059	37.05	ng		97
81) 3,3'-Dichlorobenzidine	21.54	252	316834	21.42	ng	#	99
82) Chrysene	21.70	228	1416911	35.52	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1145949	46.54	ng		99
84) Di-n-octyl phthalate	22.74	149	1974259	48.55	ng	#	83
85) Indeno(1,2,3-cd)pyrene	28.48	276	1611654	34.30	ng	#	88
87) Benzo(b)fluoranthene	23.83	252	1573847	39.04	ng	#	95
88) Benzo(k)fluoranthene	23.90	252	1512664	38.46	ng	#	93
89) Benzo(a)pyrene	24.69	252	1459097	38.22	ng	#	95
90) Dibenzo(a,h)anthracene	28.54	278	1298590	33.86	ng	#	93
91) Benzo(g,h,i)perylene	29.62	276	1395629	36.30	ng	#	89

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

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