Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022817\
Data File : BG026000.D
Acq On : 28 Feb 2017 16:59
Operator : SJ/MA
Sample : PB97232BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB97232BS

Manual Integrations APPROVED
mohammad
3/1/2017 3:07:08 PM

Quant Time: Mar 01 01:11:49 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	8.08	152	102631	20.00	ng		-0.01
21) Naphthalene-d8	10.88	136	493905	20.00	ng		-0.01
38) Acenaphthene-d10	14.68	164	357019	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	939191	20.00	ng		0.00
75) Chrysene-d12	21.66	240	932704	20.00	ng		-0.02
86) Perylene-d12	24.86	264	925678	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	827300	140.34	ng		-0.01
7) Phenol-d6	7.24	99	1165453	133.60	ng		0.00
23) Nitrobenzene-d5	9.23	82	632886	80.87	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	595108	180.42	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1811771	88.67	ng		-0.01
78) Terphenyl-d14	20.00	244	2718462	70.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	76550	28.41	ng	#	82
3) Pyridine	3.93	79	225966	28.15	ng	#	70
4) n-Nitrosodimethylamine	3.84	42	88579	30.68	ng	#	20
6) Aniline	7.40	93	269388	22.21	ng	#	86
8) 2-Chlorophenol	7.64	128	299849	42.80	ng		85
9) Benzaldehyde	7.21	77	77343	14.96	ng	#	77
10) Phenol	7.26	94	396672	41.85	ng	#	74
11) bis(2-Chloroethyl)ether	7.49	93	263654	33.84	ng		88
12) 1,3-Dichlorobenzene	7.97	146	292641	36.13	ng	#	87
13) 1,4-Dichlorobenzene	8.11	146	302303m	36.85	ng		
14) 1,2-Dichlorobenzene	8.43	146	293813	36.48	ng	#	90
15) Benzyl Alcohol	8.30	79	266300	41.69	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.61	45	321826	28.46	ng		86
17) 2-Methylphenol	8.51	107	277832	40.68	ng	#	82
18) Hexachloroethane	9.16	117	96622	35.54	ng		86
19) n-Nitroso-di-n-propylamine	8.87	70	218730	34.33	ng	#	77
20) 3+4-Methylphenols	8.83	107	402481	41.37	ng		85
22) Acetophenone	8.89	105	439331	37.07	ng	#	79
24) Nitrobenzene	9.27	77	315309	37.26	ng	#	75
25) Isophorone	9.80	82	635123	36.88	ng	#	91
26) 2-Nitrophenol	9.98	139	178798	45.18	ng	#	66
27) 2,4-Dimethylphenol	10.04	122	326301	44.18	ng		86
28) bis(2-Chloroethoxy)methane	10.27	93	396144	36.29	ng		99
29) 2,4-Dichlorophenol	10.52	162	338274	47.98	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	301738	39.35	ng		98
31) Naphthalene	10.92	128	961442	37.65	ng		99
32) Benzoic acid	10.17	122	264115	46.83	ng	#	73
33) 4-Chloroaniline	11.02	127	110061	9.92	ng	#	83
34) Hexachlorobutadiene	11.22	225	165624	37.96	ng		97
35) Caprolactam	11.79	113	154686m	54.33	ng		
36) 4-Chloro-3-methylphenol	12.14	107	399885	47.41	ng	#	79
37) 2-Methylnaphthalene	12.52	142	785789	40.40	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	358469	40.06	ng		98
40) Hexachlorocyclopentadiene	12.87	237	393696	80.40	ng		92

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Quant Time: Mar 01 01:11:49 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	298009	51.57	ng		94
43) 2,4,5-Trichlorophenol	13.19	196	329974	50.30	ng	#	93
45) 1,1'-Biphenyl	13.52	154	1067281	41.25	ng		98
46) 2-Chloronaphthalene	13.56	162	794972	42.50	ng		97
47) 2-Nitroaniline	13.76	65	278217	46.90	ng	#	65
48) Acenaphthylene	14.40	152	1413836	42.45	ng		99
49) Dimethylphthalate	14.13	163	1147685	46.86	ng		98
50) 2,6-Dinitrotoluene	14.24	165	273009	49.62	ng	#	64
51) Acenaphthene	14.74	154	912567	41.49	ng		99
52) 3-Nitroaniline	14.57	138	143141	23.26	ng	#	71
53) 2,4-Dinitrophenol	14.78	184	341751	118.70	ng	#	85
54) Dibenzofuran	15.07	168	1402127	47.82	ng		91
55) 4-Nitrophenol	14.88	139	524945	104.81	ng	#	45
56) 2,4-Dinitrotoluene	15.03	165	403182	54.47	ng	#	74
57) Fluorene	15.72	166	1189328	45.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	334663	57.82	ng		98
59) Diethylphthalate	15.48	149	1218280	48.09	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	560036	46.13	ng		94
61) 4-Nitroaniline	15.73	138	323719	50.74	ng	#	51
62) Azobenzene	16.00	77	1058926	48.63	ng		83
64) 4,6-Dinitro-2-methylphenol	15.79	198	241727	43.98	ng		89
65) n-Nitrosodiphenylamine	15.92	169	1099474	38.60	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	391241	39.75	ng		94
67) Hexachlorobenzene	16.72	284	406226	40.04	ng		95
68) Atrazine	16.86	200	414979	41.16	ng		97
69) Pentachlorophenol	17.06	266	532088	85.02	ng		97
70) Phenanthrene	17.45	178	1935779	37.97	ng		98
71) Anthracene	17.54	178	2003787	38.55	ng		99
72) Carbazole	17.81	167	1850927	35.45	ng		97
73) Di-n-butylphthalate	18.36	149	2109845	41.16	ng	#	94
74) Fluoranthene	19.45	202	2147528	38.26	ng		95
76) Benzidine	19.62	184	706877	24.01	ng		97
77) Pyrene	19.81	202	2152967	36.50	ng		99
79) Butylbenzylphthalate	20.68	149	945956	42.26	ng		88
80) Benzo(a)anthracene	21.64	228	2076328	38.13	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	487500	25.11	ng	#	97
82) Chrysene	21.71	228	1908742	36.45	ng		99
83) Bis(2-ethylhexyl)phthalate	21.54	149	1329222	41.12	ng		97
84) Di-n-octyl phthalate	22.74	149	2304249	43.17	ng	#	85
85) Indeno(1,2,3-cd)pyrene	28.50	276	2545349	41.27	ng	#	88
87) Benzo(b)fluoranthene	23.85	252	2157689	38.92	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	2087686	38.59	ng	#	94
89) Benzo(a)pyrene	24.71	252	2091227	39.84	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	2095810	39.74	ng	#	91
91) Benzo(g,h,i)perylene	29.65	276	2119347	40.08	ng	#	89

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

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