Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041917\
Data File : BG026667.D
Acq On : 19 Apr 2017 22:11
Operator : SJ/MA
Sample : I2718-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-B48-B49-001MS

Manual Integrations APPROVED
mohammad
4/20/2017 1:55:05 PM

Quant Time: Apr 20 02:23:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	179214	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	794355	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	506587	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1210517	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1236683	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1132706	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1426223	144.67	ng		0.00
7) Phenol-d6	7.23	99	1877747	145.36	ng		0.03
23) Nitrobenzene-d5	9.19	82	1090564	95.80	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	984719	139.50	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2903261	85.35	ng		-0.02
78) Terphenyl-d14	19.97	244	3906974	93.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	132167	25.64	ng	#	82
3) Pyridine	3.90	79	561678	48.67	ng	#	63
4) n-Nitrosodimethylamine	3.80	42	138115	41.14	ng	#	1
6) Aniline	7.37	93	208808	12.94	ng	#	88
8) 2-Chlorophenol	7.61	128	579254	49.24	ng	#	80
9) Benzaldehyde	7.17	77	64004	7.31	ng	#	68
10) Phenol	7.26	94	669336	47.62	ng	#	69
11) bis(2-Chloroethyl)ether	7.44	93	524527	46.88	ng	#	81
12) 1,3-Dichlorobenzene	7.92	146	562470	40.57	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	574565	40.80	ng	#	93
14) 1,2-Dichlorobenzene	8.38	146	557916	41.93	ng	#	91
15) Benzyl Alcohol	8.28	79	417455	51.68	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	8.56	45	482534	44.58	ng		77
17) 2-Methylphenol	8.50	107	507817	51.56	ng	#	80
18) Hexachloroethane	9.11	117	183669	41.33	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	379406	47.38	ng	#	70
20) 3+4-Methylphenols	8.83	107	700061	51.73	ng		90
22) Acetophenone	8.85	105	802136	44.19	ng	#	76
24) Nitrobenzene	9.23	77	552982	45.87	ng	#	71
25) Isophorone	9.75	82	1079560	46.26	ng	#	87
26) 2-Nitrophenol	9.95	139	348059	47.66	ng	#	61
27) 2,4-Dimethylphenol	10.02	122	597764	50.71	ng		84
28) bis(2-Chloroethoxy)methane	10.23	93	696304	45.65	ng	#	98
29) 2,4-Dichlorophenol	10.51	162	660793	53.60	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	595486	43.33	ng		98
31) Naphthalene	10.88	128	1725341	44.25	ng		98
32) Benzoic acid	10.19	122	417968	50.07	ng	#	68
33) 4-Chloroaniline	11.01	127	63601	3.80	ng	#	80
34) Hexachlorobutadiene	11.17	225	340247	43.30	ng		96
35) Caprolactam	11.76	113	199671m	41.71	ng		
36) 4-Chloro-3-methylphenol	12.15	107	667528	53.76	ng	#	73
37) 2-Methylnaphthalene	12.48	142	1382600	46.08	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	658000	42.17	ng		99
40) Hexachlorocyclopentadiene	12.83	237	718569	91.14	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	546055	49.14	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	596878	50.80	ng	#	92
45) 1,1'-Biphenyl	13.48	154	1807334	43.90	ng		99
46) 2-Chloronaphthalene	13.53	162	1388724	44.52	ng		97
47) 2-Nitroaniline	13.73	65	392385	49.25	ng	#	53
48) Acenaphthylene	14.37	152	2281666	45.48	ng		99
49) Dimethylphthalate	14.10	163	1864401	46.49	ng		98
50) 2,6-Dinitrotoluene	14.21	165	458582	48.90	ng	#	60
51) Acenaphthene	14.70	154	1463496	45.84	ng		99
52) 3-Nitroaniline	14.56	138	133697	13.07	ng	#	61
53) 2,4-Dinitrophenol	14.76	184	595620	104.01	ng	#	74
54) Dibenzofuran	15.04	168	2241692	45.05	ng		91
55) 4-Nitrophenol	14.91	139	677368	78.45	ng	#	39
56) 2,4-Dinitrotoluene	15.00	165	656486	49.30	ng	#	68
57) Fluorene	15.68	166	1881305	45.91	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	548443	45.90	ng	#	95
59) Diethylphthalate	15.45	149	1861006	45.65	ng		97
60) 4-Chlorophenyl-phenylether	15.67	204	958292	46.86	ng		89
61) 4-Nitroaniline	15.72	138	363390	33.32	ng	#	51
62) Azobenzene	15.96	77	1455560	46.27	ng		76
64) 4,6-Dinitro-2-methylphenol	15.76	198	418170	51.15	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1258294	36.03	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	658896	49.82	ng		92
67) Hexachlorobenzene	16.69	284	693414	47.69	ng	#	89
68) Atrazine	16.83	200	116183	8.51	ng		98
69) Pentachlorophenol	17.04	266	796786	90.70	ng		95
70) Phenanthrene	17.42	178	2847557	45.69	ng		97
71) Anthracene	17.51	178	2961409	45.98	ng		96
72) Carbazole	17.78	167	1844879	29.91	ng		97
73) Di-n-butylphthalate	18.32	149	3050394	44.11	ng	#	95
74) Fluoranthene	19.42	202	3106749	42.99	ng		97
76) Benzidine	19.66	184	47405m	5.02	ng		
77) Pyrene	19.78	202	3130550	47.02	ng		95
79) Butylbenzylphthalate	20.65	149	1432610	50.01	ng	#	84
80) Benzo(a)anthracene	21.60	228	3117204	46.67	ng		97
81) 3,3'-Dichlorobenzidine	21.52	252	87395	3.16	ng	#	99
82) Chrysene	21.67	228	2885312	46.94	ng		97
83) Bis(2-ethylhexyl)phthalate	21.50	149	2030929	49.19	ng		93
84) Di-n-octyl phthalate	22.69	149	3433533	49.81	ng	#	82
85) Indeno(1,2,3-cd)pyrene	28.41	276	4046014	48.01	ng	#	87
87) Benzo(b)fluoranthene	23.78	252	3384810	52.19	ng	#	94
88) Benzo(k)fluoranthene	23.85	252	3250097	51.99	ng	#	96
89) Benzo(a)pyrene	24.65	252	3169778	50.63	ng	#	96
90) Dibenzo(a,h)anthracene	28.47	278	3458501	53.78	ng	#	93
91) Benzo(g,h,i)perylene	29.55	276	3301613	51.34	ng	#	88

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

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