Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
Data File : BG026680.D
Acq On : 20 Apr 2017 18:10
Operator : SJ/MA
Sample : PB98380BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB98380BS

Quant Time: Apr 21 04:35:11 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	179907	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	784686	20.00	ng		-0.02
38) Acenaphthene-d10	14.64	164	478857	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1229357	20.00	ng		-0.02
75) Chrysene-d12	21.62	240	1341891	20.00	ng		-0.02
86) Perylene-d12	24.79	264	1344635	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1542216	155.84	ng		0.00
7) Phenol-d6	7.22	99	2001952	154.38	ng		0.01
23) Nitrobenzene-d5	9.19	82	1045780	92.99	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	960565	143.96	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	2807541	87.32	ng		-0.02
78) Terphenyl-d14	19.97	244	3952457	86.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	139785	27.01	ng	#	70
3) Pyridine	3.88	79	401085	34.62	ng	#	60
4) n-Nitrosodimethylamine	3.80	42	137165	40.70	ng	#	1
6) Aniline	7.36	93	463427	28.62	ng	#	87
8) 2-Chlorophenol	7.61	128	570656	48.32	ng	#	77
9) Benzaldehyde	7.17	77	78381	8.92	ng	#	72
10) Phenol	7.25	94	687849	48.75	ng	#	69
11) bis(2-Chloroethyl)ether	7.44	93	484888	43.17	ng	#	81
12) 1,3-Dichlorobenzene	7.92	146	578658	41.58	ng	#	85
13) 1,4-Dichlorobenzene	8.07	146	593269m	41.96	ng		
14) 1,2-Dichlorobenzene	8.38	146	569207	42.61	ng	#	90
15) Benzyl Alcohol	8.27	79	383909	47.34	ng	#	73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	458616	42.20	ng		82
17) 2-Methylphenol	8.49	107	480678	48.62	ng	#	81
18) Hexachloroethane	9.11	117	185012	41.48	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	343577	42.74	ng	#	69
20) 3+4-Methylphenols	8.82	107	670211	49.33	ng		84
22) Acetophenone	8.85	105	747183	41.67	ng	#	74
24) Nitrobenzene	9.23	77	518702	43.56	ng	#	71
25) Isophorone	9.75	82	967477	41.96	ng	#	86
26) 2-Nitrophenol	9.94	139	327204	45.35	ng	#	62
27) 2,4-Dimethylphenol	10.02	122	546277	46.91	ng		85
28) bis(2-Chloroethoxy)methane	10.23	93	656440	43.56	ng	#	97
29) 2,4-Dichlorophenol	10.49	162	596512	48.98	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	580874	42.79	ng		97
31) Naphthalene	10.88	128	1651911	42.89	ng		100
32) Benzoic acid	10.18	122	367674	45.58	ng	#	70
33) 4-Chloroaniline	10.99	127	200059	12.11	ng	#	80
34) Hexachlorobutadiene	11.17	225	329569	42.46	ng		99
35) Caprolactam	11.76	113	200585m	42.41	ng		
36) 4-Chloro-3-methylphenol	12.13	107	580997	47.36	ng	#	72
37) 2-Methylnaphthalene	12.48	142	1282107	43.26	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	623612	42.28	ng		97
40) Hexachlorocyclopentadiene	12.83	237	686145	92.06	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	486125	46.28	ng		96
43) 2,4,5-Trichlorophenol	13.18	196	526167	47.37	ng	#	91
45) 1,1'-Biphenyl	13.48	154	1649899	42.40	ng		98
46) 2-Chloronaphthalene	13.52	162	1266862	42.96	ng		97
47) 2-Nitroaniline	13.73	65	348570	46.28	ng	#	46
48) Acenaphthylene	14.37	152	2053780	43.31	ng		99
49) Dimethylphthalate	14.09	163	1627976	42.95	ng		98
50) 2,6-Dinitrotoluene	14.21	165	405197	45.71	ng	#	59
51) Acenaphthene	14.70	154	1305918	43.27	ng		100
52) 3-Nitroaniline	14.55	138	266638	27.58	ng	#	66
53) 2,4-Dinitrophenol	14.76	184	505213	94.23	ng	#	72
54) Dibenzofuran	15.03	168	2008216	42.69	ng		91
55) 4-Nitrophenol	14.89	139	716182	87.75	ng	#	37
56) 2,4-Dinitrotoluene	15.00	165	596325	47.37	ng	#	67
57) Fluorene	15.68	166	1682436	43.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	503188	44.55	ng	#	96
59) Diethylphthalate	15.45	149	1660832	43.09	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	848573	43.90	ng		88
61) 4-Nitroaniline	15.72	138	482928	46.84	ng	#	51
62) Azobenzene	15.96	77	1309210	44.03	ng		77
64) 4,6-Dinitro-2-methylphenol	15.76	198	392592	47.29	ng		84
65) n-Nitrosodiphenylamine	15.89	169	1558546	43.95	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	592922	44.14	ng		92
67) Hexachlorobenzene	16.69	284	629702	42.64	ng		91
68) Atrazine	16.83	200	587444	42.36	ng		94
69) Pentachlorophenol	17.03	266	780873	87.52	ng		95
70) Phenanthrene	17.41	178	2723729	43.03	ng		99
71) Anthracene	17.51	178	2819217	43.10	ng		96
72) Carbazole	17.78	167	2638468	42.13	ng		97
73) Di-n-butylphthalate	18.32	149	2932348	41.75	ng	#	95
74) Fluoranthene	19.42	202	3102254	42.27	ng		96
76) Benzidine	19.59	184	1486133	41.40	ng		99
77) Pyrene	19.78	202	3140626	43.47	ng		96
79) Butylbenzylphthalate	20.65	149	1379256	44.37	ng	#	84
80) Benzo(a)anthracene	21.60	228	3119485	43.04	ng		97
81) 3,3'-Dichlorobenzidine	21.52	252	898878	29.91	ng		99
82) Chrysene	21.67	228	2852931	42.78	ng		97
83) Bis(2-ethylhexyl)phthalate	21.50	149	1946059	43.44	ng		95
84) Di-n-octyl phthalate	22.68	149	3286891	43.94	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.41	276	4076281	44.58	ng	#	87
87) Benzo(b)fluoranthene	23.79	252	3333916	43.30	ng	#	95
88) Benzo(k)fluoranthene	23.85	252	3259860	43.93	ng	#	97
89) Benzo(a)pyrene	24.65	252	3245578	43.67	ng	#	96
90) Dibenzo(a,h)anthracene	28.47	278	3440285	45.06	ng	#	93
91) Benzo(g,h,i)perylene	29.55	276	3389392	44.40	ng	#	87

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

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