Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021131.D
Acq On : 28 Feb 2016 1:34
Operator : UM/SJ
Sample : PB88551BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB88551BS

Manual Integrations APPROVED
Sohil
2/29/2016 12:39:09 PM

Quant Time: Feb 29 03:04:54 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7760	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	37240	20.00	ng		-0.01
38) Acenaphthene-d10	14.77	164	24131	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	60306	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	64198	20.00	ng		-0.02
86) Perylene-d12	25.05	264	59270	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	43587	98.34	ng		0.00
7) Phenol-d6	7.31	99	71179	107.92	ng		-0.01
23) Nitrobenzene-d5	9.33	82	74843	95.76	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	25813	81.59	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	152271	80.75	ng		0.00
78) Terphenyl-d14	20.10	244	269625	98.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	5670	27.62	ng		93
3) Pyridine	4.02	79	19569	32.60	ng		93
4) n-Nitrosodimethylamine	3.92	42	11521	37.85	ng	#	97
6) Aniline	7.49	93	38126	46.73	ng		93
8) 2-Chlorophenol	7.73	128	24793	44.85	ng		86
9) Benzaldehyde	7.31	77	3935	11.01	ng	#	76
10) Phenol	7.34	94	36643	54.23	ng		85
11) bis(2-Chloroethyl)ether	7.58	93	23820	45.99	ng		95
12) 1,3-Dichlorobenzene	8.06	146	22696	38.57	ng	#	87
13) 1,4-Dichlorobenzene	8.20	146	22897	36.43	ng		93
14) 1,2-Dichlorobenzene	8.52	146	22848	38.39	ng		97
15) Benzyl Alcohol	8.40	79	31072	53.93	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.70	45	35902	60.46	ng		93
17) 2-Methylphenol	8.60	107	24868	52.14	ng	#	88
18) Hexachloroethane	9.26	117	9427	39.65	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	27128	53.32	ng		92
20) 3+4-Methylphenols	8.92	107	34614	52.35	ng		95
22) Acetophenone	8.99	105	41799	40.67	ng	#	95
24) Nitrobenzene	9.37	77	37742	46.74	ng	#	88
25) Isophorone	9.90	82	72410	49.43	ng		95
26) 2-Nitrophenol	10.08	139	13862	40.60	ng	#	68
27) 2,4-Dimethylphenol	10.13	122	28738	47.73	ng		86
28) bis(2-Chloroethoxy)methane	10.37	93	36629	51.31	ng		99
29) 2,4-Dichlorophenol	10.61	162	26109	44.29	ng		94
30) 1,2,4-Trichlorobenzene	10.84	180	23498	35.17	ng		96
31) Naphthalene	11.02	128	79789	41.71	ng		97
32) Benzoic acid	10.26	122	22521	40.73	ng	#	74
33) 4-Chloroaniline	11.12	127	33194	41.55	ng	#	92
34) Hexachlorobutadiene	11.31	225	14974	33.49	ng		92
35) Caprolactam	11.90	113	12000m	60.25	ng		
36) 4-Chloro-3-methylphenol	12.23	107	37951	52.52	ng		88
37) 2-Methylnaphthalene	12.62	142	61485	45.77	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	30697	34.42	ng	#	97
40) Hexachlorocyclopentadiene	12.96	237	42430	72.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	25181	45.03	ng		94
43) 2,4,5-Trichlorophenol	13.28	196	26917	46.85	ng		94
45) 1,1'-Biphenyl	13.61	154	82876	40.78	ng		97
46) 2-Chloronaphthalene	13.66	162	63825	41.39	ng		97
47) 2-Nitroaniline	13.85	65	31190	62.43	ng	#	75
48) Acenaphthylene	14.50	152	108836	44.61	ng		98
49) Dimethylphthalate	14.23	163	93775	45.09	ng	#	99
50) 2,6-Dinitrotoluene	14.34	165	21050	49.20	ng	#	72
51) Acenaphthene	14.84	154	68115	40.93	ng		98
52) 3-Nitroaniline	14.67	138	20683	49.68	ng	#	57
53) 2,4-Dinitrophenol	14.87	184	29059	97.41	ng	#	83
54) Dibenzofuran	15.17	168	103963	49.32	ng		93
55) 4-Nitrophenol	14.97	139	40392	109.38	ng	#	58
56) 2,4-Dinitrotoluene	15.13	165	30096	49.05	ng	#	74
57) Fluorene	15.81	166	93158	45.43	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	24957	49.98	ng	#	98
59) Diethylphthalate	15.58	149	104718	47.77	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	46124	40.89	ng		95
61) 4-Nitroaniline	15.83	138	25493	53.77	ng	#	61
62) Azobenzene	16.10	77	118271	62.28	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	19078	43.13	ng		94
65) n-Nitrosodiphenylamine	16.02	169	84191	47.32	ng		94
66) 4-Bromophenyl-phenylether	16.69	248	28497	40.14	ng	#	89
67) Hexachlorobenzene	16.81	284	28577	38.15	ng		92
68) Atrazine	16.96	200	31313	47.50	ng		99
69) Pentachlorophenol	17.15	266	40918	80.92	ng		89
70) Phenanthrene	17.55	178	151293	46.63	ng		97
71) Anthracene	17.64	178	152541	46.68	ng		98
72) Carbazole	17.90	167	142160	50.39	ng		98
73) Di-n-butylphthalate	18.46	149	188375	50.65	ng	#	98
74) Fluoranthene	19.54	202	183011	44.96	ng		99
76) Benzidine	19.72	184	113510	67.20	ng		99
77) Pyrene	19.91	202	186167	52.37	ng		99
79) Butylbenzylphthalate	20.78	149	84440	56.92	ng		89
80) Benzo(a)anthracene	21.75	228	178565	48.34	ng		99
81) 3,3'-Dichlorobenzidine	21.67	252	42532	29.43	ng		97
82) Chrysene	21.82	228	159953	44.96	ng		99
83) Bis(2-ethylhexyl)phthalate	21.65	149	122487	53.46	ng		98
84) Di-n-octyl phthalate	22.88	149	210018	54.70	ng		98
85) Indeno(1,2,3-cd)pyrene	28.81	276	186526	43.49	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	174253	47.03	ng		99
88) Benzo(k)fluoranthene	24.08	252	169379	46.38	ng		97
89) Benzo(a)pyrene	24.90	252	167375	47.06	ng		96
90) Dibenzo(a,h)anthracene	28.87	278	159013	44.35	ng		99
91) Benzo(g,h,i)perylene	29.97	276	151420	43.85	ng		97

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

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