Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022916\
Data File : BG021164.D
Acq On : 29 Feb 2016 20:53
Operator : UM/SJ
Sample : H1578-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CEB-6(12-14)20160224MSD

Manual Integrations APPROVED
Sohil
3/1/2016 3:01:49 PM

Quant Time: Mar 01 09:59:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	8507	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	45442	20.00	ng		0.00
38) Acenaphthene-d10	14.76	164	29663	20.00	ng		0.00
63) Phenanthrene-d10	17.50	188	72752	20.00	ng		0.00
75) Chrysene-d12	21.76	240	73647	20.00	ng		0.00
86) Perylene-d12	25.03	264	67738	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	97490	182.19	ng		0.00
7) Phenol-d6	7.30	99	163264	185.55	ng		0.00
23) Nitrobenzene-d5	9.32	82	116099	108.11	ng		0.00
41) 2,4,6-Tribromophenol	16.25	330	54644	177.06	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	200881	96.16	ng		0.00
78) Terphenyl-d14	20.09	244	290272	95.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	10593	44.08	ng	#	85
3) Pyridine	3.99	79	33683	44.34	ng		91
4) n-Nitrosodimethylamine	3.90	42	18841	49.23	ng	#	91
6) Aniline	7.47	93	42314	36.28	ng	#	88
8) 2-Chlorophenol	7.71	128	39074	59.56	ng		84
9) Benzaldehyde	7.29	77	6932	12.61	ng		84
10) Phenol	7.33	94	59630	63.58	ng		80
11) bis(2-Chloroethyl)ether	7.57	93	39106	54.09	ng		94
12) 1,3-Dichlorobenzene	8.04	146	33972	50.50	ng	#	90
13) 1,4-Dichlorobenzene	8.19	146	35603	51.41	ng		95
14) 1,2-Dichlorobenzene	8.51	146	35134	53.19	ng		95
15) Benzyl Alcohol	8.38	79	49933	62.14	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	63927	51.22	ng		97
17) 2-Methylphenol	8.58	107	39657	61.10	ng	#	91
18) Hexachloroethane	9.24	117	14554	50.18	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	43196	53.14	ng		94
20) 3+4-Methylphenols	8.91	107	55482	60.36	ng		93
22) Acetophenone	8.98	105	66001	48.81	ng	#	94
24) Nitrobenzene	9.36	77	61348	52.34	ng	#	88
25) Isophorone	9.88	82	119522	51.35	ng		95
26) 2-Nitrophenol	10.07	139	22597	52.93	ng	#	62
27) 2,4-Dimethylphenol	10.12	122	42863	55.96	ng		85
28) bis(2-Chloroethoxy)methane	10.36	93	59749	55.30	ng		96
29) 2,4-Dichlorophenol	10.60	162	40663	58.93	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	35779	51.41	ng		95
31) Naphthalene	11.01	128	125214	52.85	ng		99
33) 4-Chloroaniline	11.11	127	24589	22.50	ng	#	87
34) Hexachlorobutadiene	11.29	225	21266	50.19	ng		97
35) Caprolactam	11.90	113	18859m	56.06	ng		
36) 4-Chloro-3-methylphenol	12.22	107	59648	56.98	ng		85
37) 2-Methylnaphthalene	12.60	142	95303	56.50	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	45005	50.53	ng	#	97
40) Hexachlorocyclopentadiene	12.94	237	51749	105.95	ng		98
42) 2,4,6-Trichlorophenol	13.20	196	37343	55.82	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.27	196	41486	57.99	ng	#	92
45) 1,1'-Biphenyl	13.60	154	124353	50.97	ng		96
46) 2-Chloronaphthalene	13.64	162	97275	53.12	ng		95
47) 2-Nitroaniline	13.84	65	49514	55.48	ng	#	75
48) Acenaphthylene	14.49	152	162971	52.56	ng		97
49) Dimethylphthalate	14.21	163	187637	70.98	ng		99
50) 2,6-Dinitrotoluene	14.33	165	31098	56.22	ng	#	61
51) Acenaphthene	14.82	154	103413	52.54	ng		98
52) 3-Nitroaniline	14.66	138	21752	35.44	ng	#	65
53) 2,4-Dinitrophenol	14.86	184	7931	30.32	ng	#	79
54) Dibenzofuran	15.16	168	155304	59.09	ng		91
55) 4-Nitrophenol	14.96	139	57007	112.01	ng	#	58
56) 2,4-Dinitrotoluene	15.11	165	46047	57.80	ng	#	75
57) Fluorene	15.80	166	135991	54.30	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.38	232	35523	62.08	ng	#	93
59) Diethylphthalate	15.56	149	156031	53.40	ng		99
60) 4-Chlorophenyl-phenylether	15.79	204	67226	53.77	ng		98
61) 4-Nitroaniline	15.82	138	37001	56.46	ng	#	60
62) Azobenzene	16.08	77	184393	58.75	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	21989	44.06	ng		88
65) n-Nitrosodiphenylamine	16.01	169	123534	55.22	ng		93
66) 4-Bromophenyl-phenylether	16.68	248	40365	53.09	ng	#	90
67) Hexachlorobenzene	16.80	284	39094	52.98	ng	#	87
68) Atrazine	16.95	200	45627	59.56	ng		98
69) Pentachlorophenol	17.14	266	53032	110.00	ng		90
70) Phenanthrene	17.54	178	211789	53.94	ng		100
71) Anthracene	17.63	178	214083	53.29	ng		98
72) Carbazole	17.90	167	194771	54.67	ng		97
73) Di-n-butylphthalate	18.44	149	263083	52.52	ng	#	98
74) Fluoranthene	19.53	202	238978	51.81	ng		99
76) Benzidine	19.71	184	66270	32.16	ng		98
77) Pyrene	19.89	202	246122	56.02	ng		97
79) Butylbenzylphthalate	20.77	149	123681	55.16	ng		88
80) Benzo(a)anthracene	21.74	228	241709	55.43	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	44014	26.68	ng		97
82) Chrysene	21.81	228	217963	52.75	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	181379	55.19	ng		96
84) Di-n-octyl phthalate	22.86	149	311217	56.86	ng		100
85) Indeno(1,2,3-cd)pyrene	28.77	276	252502	53.29	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	236533	55.52	ng		98
88) Benzo(k)fluoranthene	24.07	252	232493	54.48	ng		97
89) Benzo(a)pyrene	24.88	252	226794	55.05	ng		95
90) Dibenzo(a,h)anthracene	28.84	278	214345	52.60	ng		98
91) Benzo(g,h,i)perylene	29.95	276	203415	51.67	ng		95

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

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