Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022408.D
Acq On : 18 Jun 2016 4:35
Operator : UM/SJ
Sample : H3501-12MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB2-4-6MS

Manual Integrations APPROVED
sohil
6/20/2016 6:53:04 PM

Quant Time: Jun 20 01:58:35 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24698	20.00	ng		-0.05
21) Naphthalene-d8	10.86	136	129892	20.00	ng		-0.04
38) Acenaphthene-d10	14.69	164	80151	20.00	ng		-0.04
63) Phenanthrene-d10	17.43	188	178886	20.00	ng		-0.04
75) Chrysene-d12	21.69	240	152629	20.00	ng		-0.05
86) Perylene-d12	24.93	264	140736	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	199917	156.50	ng		-0.03
7) Phenol-d6	7.24	99	301457	150.10	ng		-0.02
23) Nitrobenzene-d5	9.22	82	167905	90.12	ng		-0.04
41) 2,4,6-Tribromophenol	16.18	330	100063	110.49	ng		-0.04
44) 2-Fluorobiphenyl	13.30	172	428722	81.51	ng		-0.04
78) Terphenyl-d14	20.03	244	550248	85.59	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	18040	29.45	ng	#	71
3) Pyridine	3.82	79	25280	15.27	ng	#	94
4) n-Nitrosodimethylamine	3.74	42	16364	44.21	ng		94
6) Aniline	7.37	93	59525	23.33	ng	#	86
8) 2-Chlorophenol	7.62	128	75653	42.85	ng		81
9) Benzaldehyde	7.18	77	3133	2.83	ng		89
10) Phenol	7.26	94	98611	47.62	ng		85
11) bis(2-Chloroethyl)ether	7.46	93	66843	40.49	ng	#	75
12) 1,3-Dichlorobenzene	7.93	146	69934	36.95	ng	#	90
13) 1,4-Dichlorobenzene	8.08	146	73528	38.99	ng		96
14) 1,2-Dichlorobenzene	8.40	146	74093	38.98	ng		97
15) Benzyl Alcohol	8.29	79	56496	43.54	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	79365	46.33	ng		85
17) 2-Methylphenol	8.51	107	66982	43.35	ng	#	87
18) Hexachloroethane	9.12	117	27928	40.56	ng	#	84
19) n-Nitroso-di-n-propylamine	8.85	70	56479	41.54	ng	#	70
20) 3+4-Methylphenols	8.85	107	92788	41.86	ng		99
22) Acetophenone	8.87	105	109044	38.96	ng	#	84
24) Nitrobenzene	9.26	77	79648	42.51	ng	#	85
25) Isophorone	9.78	82	171192	39.27	ng		94
26) 2-Nitrophenol	9.98	139	42244	41.58	ng	#	75
27) 2,4-Dimethylphenol	10.04	122	69048	37.55	ng		91
28) bis(2-Chloroethoxy)methane	10.26	93	100903	40.41	ng		96
29) 2,4-Dichlorophenol	10.53	162	71864	42.19	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	70963	37.28	ng		95
31) Naphthalene	10.91	128	255429	39.40	ng		95
32) Benzoic acid	10.20	122	17161	32.95	ng		88
33) 4-Chloroaniline	11.04	127	32354	12.00	ng	#	90
34) Hexachlorobutadiene	11.18	225	37494	36.69	ng		97
35) Caprolactam	11.85	113	31328m	33.52	ng		
36) 4-Chloro-3-methylphenol	12.18	107	85698	42.44	ng		92
37) 2-Methylnaphthalene	12.52	142	184306	38.51	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	76325	36.99	ng		97
40) Hexachlorocyclopentadiene	12.85	237	43821	44.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	55823	40.33	ng		95
43) 2,4,5-Trichlorophenol	13.22	196	59980	39.22	ng		96
45) 1,1'-Biphenyl	13.52	154	238899	39.61	ng		95
46) 2-Chloronaphthalene	13.56	162	186529	40.34	ng		96
47) 2-Nitroaniline	13.78	65	48555	44.04	ng	#	56
48) Acenaphthylene	14.41	152	317786	39.17	ng		96
49) Dimethylphthalate	14.13	163	323677	48.71	ng		99
50) 2,6-Dinitrotoluene	14.26	165	56700	39.25	ng	#	84
51) Acenaphthene	14.75	154	187906	38.66	ng		97
52) 3-Nitroaniline	14.61	138	36613	22.85	ng	#	79
53) 2,4-Dinitrophenol	14.82	184	37836	66.30	ng	#	79
54) Dibenzofuran	15.08	168	293858	38.74	ng		99
55) 4-Nitrophenol	14.96	139	67079	60.66	ng	#	78
56) 2,4-Dinitrotoluene	15.06	165	76577	39.52	ng	#	87
57) Fluorene	15.73	166	246782	37.77	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.32	232	48280	35.20	ng	#	91
59) Diethylphthalate	15.49	149	268750	37.86	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	109548	37.02	ng		99
61) 4-Nitroaniline	15.78	138	49329m	29.03	ng		
62) Azobenzene	16.01	77	228862	42.57	ng		89
64) 4,6-Dinitro-2-methylphenol	15.83	198	35248	39.90	ng		86
65) n-Nitrosodiphenylamine	15.93	169	207820	40.33	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	63464	37.86	ng		98
67) Hexachlorobenzene	16.73	284	68059	34.84	ng		94
68) Atrazine	16.88	200	69491	36.43	ng		96
69) Pentachlorophenol	17.09	266	44127	52.38	ng		99
70) Phenanthrene	17.47	178	372445	38.33	ng		99
71) Anthracene	17.56	178	370654	38.47	ng		98
72) Carbazole	17.84	167	344879	37.79	ng		98
73) Di-n-butylphthalate	18.37	149	467664	39.20	ng		99
74) Fluoranthene	19.47	202	409870	36.70	ng		97
76) Benzidine	19.68	184	10841	2.72	ng		97
77) Pyrene	19.84	202	405876	42.77	ng		98
79) Butylbenzylphthalate	20.70	149	200940	45.66	ng		95
80) Benzo(a)anthracene	21.67	228	328000	38.32	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	44059	18.34	ng	#	97
82) Chrysene	21.74	228	317897	38.17	ng		100
83) Bis(2-ethylhexyl)phthalate	21.55	149	291947	45.12	ng		94
84) Di-n-octyl phthalate	22.75	149	487373	45.36	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.65	276	339895	36.38	ng	#	71
87) Benzo(b)fluoranthene	23.90	252	320089	39.00	ng	#	94
88) Benzo(k)fluoranthene	23.96	252	312489	38.67	ng	#	95
89) Benzo(a)pyrene	24.78	252	301536	38.42	ng	#	95
90) Dibenzo(a,h)anthracene	28.70	278	277050	37.48	ng	#	93
91) Benzo(g,h,i)perylene	29.81	276	284949	37.05	ng	#	91

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

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