Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020074.D
Acq On : 10 Dec 2015 14:02
Operator : UM/SJ
Sample : G4683-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5MS

Manual Integrations APPROVED
MMdadoda
12/11/2015 6:02:23 PM

Quant Time: Dec 11 04:56:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18561	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	83589	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	56893	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	141635	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	172542	20.00	ng		-0.04
86) Perylene-d12	25.03	264	161942	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	134039	130.52	ng		-0.01
7) Phenol-d6	7.26	99	200124	129.06	ng		-0.01
23) Nitrobenzene-d5	9.28	82	129286	78.94	ng		-0.02
41) 2,4,6-Tribromophenol	16.22	330	103570	118.98	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	291512	69.96	ng		-0.02
78) Terphenyl-d14	20.08	244	529269	74.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	12541	31.35	ng	#	100
3) Pyridine	3.92	79	40091	33.00	ng	#	88
4) n-Nitrosodimethylamine	3.84	42	21440	33.55	ng		92
6) Aniline	7.43	93	27008	13.45	ng	#	88
8) 2-Chlorophenol	7.67	128	51906	41.45	ng		94
9) Benzaldehyde	7.24	77	35813	34.64	ng		96
10) Phenol	7.29	94	73508	45.04	ng		81
11) bis(2-Chloroethyl)ether	7.53	93	46275	38.29	ng		93
12) 1,3-Dichlorobenzene	8.00	146	52350	36.88	ng	#	93
13) 1,4-Dichlorobenzene	8.14	146	54022	36.85	ng		94
14) 1,2-Dichlorobenzene	8.47	146	52389	37.47	ng		96
15) Benzyl Alcohol	8.34	79	55252	40.61	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	69609	35.31	ng		94
17) 2-Methylphenol	8.55	107	47186	40.96	ng	#	91
18) Hexachloroethane	9.20	117	19157	34.90	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	43822	35.84	ng		91
20) 3+4-Methylphenols	8.87	107	66964	41.28	ng		91
22) Acetophenone	8.94	105	80750	35.24	ng	#	93
24) Nitrobenzene	9.32	77	67098	37.77	ng		91
25) Isophorone	9.84	82	118965	33.88	ng		95
26) 2-Nitrophenol	10.04	139	29767	43.38	ng	#	78
27) 2,4-Dimethylphenol	10.08	122	51343	35.93	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	65951	38.44	ng		99
29) 2,4-Dichlorophenol	10.57	162	60894	41.72	ng		94
30) 1,2,4-Trichlorobenzene	10.79	180	60128	36.45	ng		95
31) Naphthalene	10.98	128	167944	37.50	ng		99
32) Benzoic acid	10.14	122	3597	9.27	ng		90
33) 4-Chloroaniline	11.08	127	20601	10.44	ng	#	95
34) Hexachlorobutadiene	11.26	225	41873	34.41	ng		97
35) Caprolactam	11.85	113	19567m	36.01	ng		
36) 4-Chloro-3-methylphenol	12.19	107	68682	37.78	ng		93
37) 2-Methylnaphthalene	12.57	142	124160	37.83	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	81684	37.83	ng		99
40) Hexachlorocyclopentadiene	12.91	237	73181	59.45	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57008	39.88	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	60952	40.35	ng		96
45) 1,1'-Biphenyl	13.57	154	167105	35.79	ng		98
46) 2-Chloronaphthalene	13.62	162	135338	37.61	ng		95
47) 2-Nitroaniline	13.82	65	46930	41.29	ng		89
48) Acenaphthylene	14.47	152	222964	36.37	ng		99
49) Dimethylphthalate	14.19	163	258518	50.51	ng		98
50) 2,6-Dinitrotoluene	14.31	165	39355	40.90	ng	#	77
51) Acenaphthene	14.81	154	142079	38.20	ng		99
52) 3-Nitroaniline	14.64	138	26289	26.30	ng		93
53) 2,4-Dinitrophenol	14.84	184	21621	46.60	ng		91
54) Dibenzofuran	15.14	168	222021	40.12	ng		93
55) 4-Nitrophenol	14.94	139	64405	73.98	ng	#	71
56) 2,4-Dinitrotoluene	15.09	165	56878	42.37	ng	#	92
57) Fluorene	15.78	166	176202	35.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	59078	42.25	ng	#	96
59) Diethylphthalate	15.55	149	184091	33.24	ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	96853	34.06	ng		95
61) 4-Nitroaniline	15.80	138	40933	36.41	ng	#	76
62) Azobenzene	16.06	77	170432	36.98	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	27137	35.87	ng		95
65) n-Nitrosodiphenylamine	15.99	169	157545	38.44	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	64125	36.44	ng		97
67) Hexachlorobenzene	16.79	284	69067	37.67	ng		96
68) Atrazine	16.93	200	65996	37.06	ng		94
69) Pentachlorophenol	17.13	266	83960	78.46	ng		91
70) Phenanthrene	17.53	178	296888	37.05	ng		96
71) Anthracene	17.61	178	305213	37.39	ng		94
72) Carbazole	17.88	167	267627	37.22	ng		97
73) Di-n-butylphthalate	18.43	149	312293	35.43	ng		99
74) Fluoranthene	19.52	202	371932	36.29	ng		94
76) Benzidine	19.70	184	52536	9.27	ng		98
77) Pyrene	19.89	202	380469	37.48	ng		95
79) Butylbenzylphthalate	20.76	149	144887	36.42	ng		99
80) Benzo(a)anthracene	21.73	228	385330	36.48	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	71376	17.74	ng		95
82) Chrysene	21.80	228	350411	34.94	ng		98
83) Bis(2-ethylhexyl)phthalate	21.63	149	212000	36.31	ng	#	95
84) Di-n-octyl phthalate	22.86	149	360167	37.94	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	410382	37.15	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	378810	36.91	ng	#	94
88) Benzo(k)fluoranthene	24.06	252	360755	35.49	ng	#	94
89) Benzo(a)pyrene	24.88	252	358607	36.80	ng	#	95
90) Dibenzo(a,h)anthracene	28.85	278	342026	35.53	ng	#	91
91) Benzo(g,h,i)perylene	29.95	276	329697	34.88	ng	#	92

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

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