Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020068.D
Acq On : 10 Dec 2015 8:08
Operator : UM/SJ
Sample : G4683-02MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-14.5MS

Quant Time: Dec 10 10:19:14 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	19074	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	84235	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	58577	20.00	ng		-0.02
63) Phenanthrene-d10	17.48	188	145807	20.00	ng		-0.03
75) Chrysene-d12	21.76	240	176084	20.00	ng		-0.04
86) Perylene-d12	25.03	264	165817	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	134668	127.60	ng		-0.01
7) Phenol-d6	7.26	99	203970	128.01	ng		-0.01
23) Nitrobenzene-d5	9.28	82	129959	78.74	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	104324	116.40	ng		-0.02
44) 2-Fluorobiphenyl	13.37	172	298553	69.59	ng		-0.02
78) Terphenyl-d14	20.08	244	530919	73.54	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	12495	30.39	ng	#	100
3) Pyridine	3.92	79	41097	32.91	ng	#	89
4) n-Nitrosodimethylamine	3.84	42	21367	32.54	ng		83
6) Aniline	7.43	93	28372	13.75	ng	#	84
8) 2-Chlorophenol	7.67	128	53260	41.39	ng		97
9) Benzaldehyde	7.24	77	35949	33.83	ng		92
10) Phenol	7.29	94	74656	44.52	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	46855	37.73	ng		90
12) 1,3-Dichlorobenzene	8.00	146	53017	36.35	ng	#	93
13) 1,4-Dichlorobenzene	8.14	146	54770	36.36	ng		93
14) 1,2-Dichlorobenzene	8.47	146	52349	36.43	ng	#	94
15) Benzyl Alcohol	8.34	79	54620	39.06	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	70470	34.79	ng		93
17) 2-Methylphenol	8.55	107	48613	41.06	ng	#	89
18) Hexachloroethane	9.20	117	19721	34.96	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	43547	34.65	ng		94
20) 3+4-Methylphenols	8.88	107	66940	40.15	ng		95
22) Acetophenone	8.94	105	81713	35.39	ng	#	93
24) Nitrobenzene	9.32	77	67545	37.73	ng		90
25) Isophorone	9.84	82	121831	34.43	ng		94
26) 2-Nitrophenol	10.03	139	30319	43.85	ng	#	73
27) 2,4-Dimethylphenol	10.09	122	51859	36.01	ng		94
28) bis(2-Chloroethoxy)methane	10.32	93	68560	39.65	ng		99
29) 2,4-Dichlorophenol	10.57	162	61607	41.88	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	60568	36.43	ng		94
31) Naphthalene	10.98	128	167704	37.16	ng		100
32) Benzoic acid	10.14	122	4778	10.31	ng		90
33) 4-Chloroaniline	11.08	127	21352	10.74	ng	#	92
34) Hexachlorobutadiene	11.26	225	41554	33.89	ng		96
35) Caprolactam	11.85	113	20148m	36.79	ng		
36) 4-Chloro-3-methylphenol	12.20	107	70561	38.52	ng		92
37) 2-Methylnaphthalene	12.58	142	126389	38.22	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	81749	36.78	ng		99
40) Hexachlorocyclopentadiene	12.92	237	72635	57.31	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	57124	38.81	ng		96
43) 2,4,5-Trichlorophenol	13.25	196	62563	40.22	ng		98
45) 1,1'-Biphenyl	13.58	154	171443	35.66	ng		99
46) 2-Chloronaphthalene	13.62	162	137420	37.09	ng		96
47) 2-Nitroaniline	13.82	65	49549	42.34	ng		91
48) Acenaphthylene	14.46	152	229255	36.32	ng		98
49) Dimethylphthalate	14.19	163	267081	50.69	ng		99
50) 2,6-Dinitrotoluene	14.31	165	40557	40.94	ng	#	77
51) Acenaphthene	14.81	154	146681	38.30	ng		96
52) 3-Nitroaniline	14.64	138	26660	25.90	ng		98
53) 2,4-Dinitrophenol	14.84	184	22800	47.50	ng	#	87
54) Dibenzofuran	15.13	168	225394	39.56	ng		94
55) 4-Nitrophenol	14.94	139	66238	73.89	ng	#	69
56) 2,4-Dinitrotoluene	15.09	165	58365	42.23	ng	#	93
57) Fluorene	15.79	166	179619	35.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	60581	42.08	ng		95
59) Diethylphthalate	15.55	149	188518	33.06	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	99565	34.00	ng		98
61) 4-Nitroaniline	15.80	138	41636	35.97	ng	#	76
62) Azobenzene	16.06	77	174191	36.71	ng		95
64) 4,6-Dinitro-2-methylphenol	15.85	198	27959	35.90	ng		91
65) n-Nitrosodiphenylamine	15.99	169	161347	38.24	ng		97
66) 4-Bromophenyl-phenylether	16.67	248	65882	36.36	ng		99
67) Hexachlorobenzene	16.79	284	69882	37.03	ng		98
68) Atrazine	16.93	200	67804	36.99	ng		96
69) Pentachlorophenol	17.13	266	89119	80.90	ng		91
70) Phenanthrene	17.53	178	300952	36.48	ng		96
71) Anthracene	17.61	178	304864	36.28	ng		96
72) Carbazole	17.88	167	272642	36.83	ng		97
73) Di-n-butylphthalate	18.43	149	317354	34.98	ng		98
74) Fluoranthene	19.52	202	375563	35.59	ng		93
76) Benzidine	19.70	184	66326	11.47	ng		96
77) Pyrene	19.89	202	387203	37.38	ng		95
79) Butylbenzylphthalate	20.76	149	149526	36.83	ng		95
80) Benzo(a)anthracene	21.73	228	394619	36.61	ng		98
81) 3,3'-Dichlorobenzidine	21.64	252	78828	19.20	ng		99
82) Chrysene	21.80	228	354926	34.68	ng		96
83) Bis(2-ethylhexyl)phthalate	21.63	149	214978	36.08	ng	#	97
84) Di-n-octyl phthalate	22.86	149	368727	38.06	ng	#	96
85) Indeno(1,2,3-cd)pyrene	28.77	276	430338	38.17	ng	#	100
87) Benzo(b)fluoranthene	23.99	252	384489	36.59	ng	#	94
88) Benzo(k)fluoranthene	24.06	252	361594	34.74	ng	#	93
89) Benzo(a)pyrene	24.88	252	367292	36.81	ng	#	95
90) Dibenzo(a,h)anthracene	28.84	278	358026	36.32	ng	#	93
91) Benzo(g,h,i)perylene	29.95	276	336211	34.74	ng	#	91

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

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