Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
Data File : BG019895.D
Acq On : 4 Dec 2015 7:00
Operator : UM/NP
Sample : G4609-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3-8.5-9.0-113015MS

Quant Time: Dec 04 07:53:22 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	8.12	152	27109	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	119992	20.00	ng		-0.01
38) Acenaphthene-d10	14.75	164	86609	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	220183	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	264414	20.00	ng		-0.02
86) Perylene-d12	25.06	264	253585	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	188465	125.65	ng		-0.01
7) Phenol-d6	7.26	99	284543	125.64	ng		-0.01
23) Nitrobenzene-d5	9.28	82	187814	79.88	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	143150	108.02	ng		-0.01
44) 2-Fluorobiphenyl	13.38	172	457021	72.05	ng		-0.01
78) Terphenyl-d14	20.09	244	796422	73.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	18933	32.40	ng	#	100
3) Pyridine	3.93	79	33851	19.07	ng	#	86
4) n-Nitrosodimethylamine	3.84	42	32215	34.52	ng		85
6) Aniline	7.44	93	74454	25.39	ng	#	87
8) 2-Chlorophenol	7.68	128	73447	40.16	ng		96
9) Benzaldehyde	7.25	77	28642	18.97	ng		93
10) Phenol	7.29	94	105389	44.22	ng		79
11) bis(2-Chloroethyl)ether	7.53	93	69174	39.19	ng		91
12) 1,3-Dichlorobenzene	8.01	146	74472	35.92	ng	#	93
13) 1,4-Dichlorobenzene	8.16	146	76254	35.62	ng		96
14) 1,2-Dichlorobenzene	8.47	146	76132	37.28	ng		92
15) Benzyl Alcohol	8.36	79	82483	41.51	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	104774	36.39	ng		94
17) 2-Methylphenol	8.55	107	70985	42.19	ng	#	91
18) Hexachloroethane	9.21	117	29045	36.23	ng		94
19) n-Nitroso-di-n-propylamine	8.93	70	67292	37.68	ng	#	88
20) 3+4-Methylphenols	8.88	107	98063	41.39	ng		94
22) Acetophenone	8.94	105	116556	35.44	ng	#	93
24) Nitrobenzene	9.33	77	100106	39.25	ng		90
25) Isophorone	9.85	82	183611	36.43	ng	#	96
26) 2-Nitrophenol	10.04	139	41941	42.58	ng	#	78
27) 2,4-Dimethylphenol	10.09	122	80273	39.13	ng		93
28) bis(2-Chloroethoxy)methane	10.34	93	102257	41.52	ng		99
29) 2,4-Dichlorophenol	10.58	162	88029	42.01	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	87134	36.79	ng		98
31) Naphthalene	10.99	128	247230	38.46	ng		99
32) Benzoic acid	10.18	122	26777	22.95	ng	#	87
33) 4-Chloroaniline	11.09	127	56170	19.83	ng	#	91
34) Hexachlorobutadiene	11.28	225	61571	35.25	ng		99
35) Caprolactam	11.86	113	31189m	39.98	ng		
36) 4-Chloro-3-methylphenol	12.20	107	103346	39.60	ng		90
37) 2-Methylnaphthalene	12.59	142	189201	40.16	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	117516	35.76	ng		99
40) Hexachlorocyclopentadiene	12.93	237	133688	71.34	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	82943	38.12	ng		99
43) 2,4,5-Trichlorophenol	13.25	196	90982	39.56	ng		97
45) 1,1'-Biphenyl	13.59	154	252833	35.57	ng		100
46) 2-Chloronaphthalene	13.63	162	206683	37.72	ng		96
47) 2-Nitroaniline	13.83	65	74154	42.85	ng		89
48) Acenaphthylene	14.47	152	342461	36.70	ng		99
49) Dimethylphthalate	14.20	163	344969	44.28	ng		99
50) 2,6-Dinitrotoluene	14.32	165	60997	41.64	ng	#	78
51) Acenaphthene	14.81	154	233192	41.18	ng		98
52) 3-Nitroaniline	14.65	138	50001	32.86	ng		98
53) 2,4-Dinitrophenol	14.85	184	56381	73.22	ng	#	84
54) Dibenzofuran	15.15	168	341075	40.49	ng		93
55) 4-Nitrophenol	14.94	139	101297	76.43	ng	#	64
56) 2,4-Dinitrotoluene	15.10	165	88111	43.11	ng	#	86
57) Fluorene	15.79	166	278217	36.90	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.37	232	87124	40.93	ng		97
59) Diethylphthalate	15.56	149	296889	35.21	ng		97
60) 4-Chlorophenyl-phenylether	15.79	204	153004	35.34	ng		98
61) 4-Nitroaniline	15.81	138	65466	38.25	ng	#	75
62) Azobenzene	16.08	77	280129	39.93	ng		96
64) 4,6-Dinitro-2-methylphenol	15.86	198	48965	40.66	ng		94
65) n-Nitrosodiphenylamine	16.00	169	250478	39.31	ng		96
66) 4-Bromophenyl-phenylether	16.68	248	100288	36.66	ng		94
67) Hexachlorobenzene	16.79	284	108990	38.24	ng		99
68) Atrazine	16.94	200	105501	38.11	ng		97
69) Pentachlorophenol	17.13	266	133475	80.24	ng		96
70) Phenanthrene	17.53	178	469350	37.68	ng		97
71) Anthracene	17.63	178	479207	37.77	ng		96
72) Carbazole	17.89	167	422596	37.81	ng		97
73) Di-n-butylphthalate	18.45	149	508816	37.14	ng		99
74) Fluoranthene	19.54	202	579536	36.37	ng		94
76) Benzidine	19.71	184	57813	6.66	ng		96
77) Pyrene	19.90	202	590795	37.98	ng		95
79) Butylbenzylphthalate	20.78	149	232735	38.17	ng		98
80) Benzo(a)anthracene	21.75	228	619167	38.25	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	149267	24.22	ng		98
82) Chrysene	21.82	228	562138	36.58	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	347624	38.85	ng		96
84) Di-n-octyl phthalate	22.90	149	593787	40.82	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.83	276	687469	40.61	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	605076	37.65	ng	#	94
88) Benzo(k)fluoranthene	24.08	252	571142	35.88	ng	#	96
89) Benzo(a)pyrene	24.90	252	579549	37.98	ng	#	95
90) Dibenzo(a,h)anthracene	28.89	278	568409	37.71	ng	#	94
91) Benzo(g,h,i)perylene	30.00	276	565449	38.20	ng	#	91

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

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