Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122217\
Data File : BG031746.D
Acq On : 23 Dec 2017 13:18
Operator : SJ/JU
Sample : I6677-10MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-122117-AMS

Quant Time: Dec 25 04:46:01 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	47213	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	194673	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	131239	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	328440	20.00	ng		-0.01
75) Chrysene-d12	22.56	240	373127	20.00	ng		-0.01
86) Perylene-d12	26.35	264	408855	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	368392	142.12	ng		0.00
7) Phenol-d6	7.93	99	427794	127.11	ng		0.00
23) Nitrobenzene-d5	10.03	82	279957	108.59	ng		-0.01
41) 2,4,6-Tribromophenol	16.94	330	338917	169.24	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	983934	94.10	ng		-0.01
78) Terphenyl-d14	20.73	244	1732615	106.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	32479	33.801	ng	#	73
3) Pyridine	4.36	79	86322	33.609	ng	#	74
4) n-Nitrosodimethylamine	4.25	42	41242	39.792	ng	#	82
6) Aniline	8.11	93	51664	11.932	ng	#	85
8) 2-Chlorophenol	8.37	128	138914	46.199	ng	#	82
9) Benzaldehyde	7.92	77	53686	26.492	ng		89
10) Phenol	7.95	94	135874	39.989	ng		91
11) bis(2-Chloroethyl)ether	8.21	93	113732	40.304	ng	#	80
12) 1,3-Dichlorobenzene	8.71	146	151681	40.622	ng	#	94
13) 1,4-Dichlorobenzene	8.86	146	155581	40.789	ng		92
14) 1,2-Dichlorobenzene	9.19	146	150413	41.617	ng		97
15) Benzyl Alcohol	9.06	79	111867	44.279	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.36	45	113977	49.599	ng		80
17) 2-Methylphenol	9.26	107	110135	45.301	ng		95
18) Hexachloroethane	9.96	117	48229	41.748	ng	#	82
19) n-Nitroso-di-n-propylamine	9.64	70	89773	39.059	ng	#	78
20) 3+4-Methylphenols	9.59	107	149569	43.287	ng		95
22) Acetophenone	9.67	105	201609	44.576	ng	#	86
24) Nitrobenzene	10.07	77	129545	48.756	ng	#	85
25) Isophorone	10.60	82	250459	45.129	ng	#	84
26) 2-Nitrophenol	10.80	139	78310	56.212	ng	#	81
27) 2,4-Dimethylphenol	10.83	122	146733	50.054	ng		92
28) bis(2-Chloroethoxy)methane	11.08	93	160507	43.102	ng	#	93
29) 2,4-Dichlorophenol	11.34	162	169155	49.152	ng		90
30) 1,2,4-Trichlorobenzene	11.57	180	183462	43.660	ng		96
31) Naphthalene	11.77	128	459757	46.796	ng		100
32) Benzoic acid	10.90	122	30631	19.880	ng	#	68
33) 4-Chloroaniline	11.85	127	32695	7.475	ng	#	87
34) Hexachlorobutadiene	12.04	225	121222	42.021	ng		98
35) Caprolactam	12.59	113	37003	35.472	ng	#	46
36) 4-Chloro-3-methylphenol	12.92	107	151516	47.670	ng	#	81
37) 2-Methylnaphthalene	13.32	142	354810	44.549	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	249897	45.207	ng	#	96
40) Hexachlorocyclopentadiene	13.65	237	273944	93.939	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.90	196	155456	48.776	ng		96
43) 2,4,5-Trichlorophenol	13.97	196	172643	48.879	ng	#	91
45) 1,1'-Biphenyl	14.30	154	507079	45.238	ng		94
46) 2-Chloronaphthalene	14.35	162	385097	45.042	ng		95
47) 2-Nitroaniline	14.53	65	77901	52.756	ng	#	57
48) Acenaphthylene	15.19	152	585865	42.832	ng		98
49) Dimethylphthalate	14.89	163	508455	43.978	ng		99
50) 2,6-Dinitrotoluene	15.02	165	111831	52.579	ng	#	65
51) Acenaphthene	15.53	154	381809	42.622	ng		97
52) 3-Nitroaniline	15.34	138	40104	19.327	ng	#	76
53) 2,4-Dinitrophenol	15.54	184	20781	28.438	ng	#	1
54) Dibenzofuran	15.85	168	617482	44.967	ng		98
55) 4-Nitrophenol	15.62	139	144867	85.775	ng	#	69
56) 2,4-Dinitrotoluene	15.79	165	159151	58.193	ng	#	63
57) Fluorene	16.50	166	493336	44.224	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.06	232	170525	49.484	ng	#	85
59) Diethylphthalate	16.23	149	494056	43.843	ng		96
60) 4-Chlorophenyl-phenylether	16.48	204	295838	43.342	ng		93
61) 4-Nitroaniline	16.50	138	84025	41.495	ng		81
62) Azobenzene	16.77	77	320130	44.298	ng		81
64) 4,6-Dinitro-2-methylphenol	16.55	198	24734	21.107	ng	#	70
65) n-Nitrosodiphenylamine	16.68	169	463491	42.490	ng		98
66) 4-Bromophenyl-phenylether	17.37	248	216062	45.492	ng		93
67) Hexachlorobenzene	17.49	284	226144	46.578	ng	#	89
68) Atrazine	17.61	200	196690	46.372	ng		96
69) Pentachlorophenol	17.83	266	137960	41.312	ng		98
70) Phenanthrene	18.24	178	832964	44.814	ng		99
71) Anthracene	18.33	178	846189	45.131	ng		98
72) Carbazole	18.58	167	734540	44.262	ng		99
73) Di-n-butylphthalate	19.10	149	824591	44.711	ng		99
74) Fluoranthene	20.20	202	1037317	45.483	ng		96
76) Benzidine	20.36	184	229954	19.967	ng		98
77) Pyrene	20.56	202	1046189	43.894	ng		98
79) Butylbenzylphthalate	21.43	149	368138	46.011	ng	#	76
80) Benzo(a)anthracene	22.54	228	1071944	45.163	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	110518	12.010	ng	#	98
82) Chrysene	22.61	228	999933	44.526	ng		97
83) Bis(2-ethylhexyl)phthalate	22.39	149	523193	45.135	ng	#	96
84) Di-n-octyl phthalate	23.82	149	899710	46.086	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.76	276	1393809	48.378	ng	#	86
87) Benzo(b)fluoranthene	25.13	252	1172469	46.198	ng	#	96
88) Benzo(k)fluoranthene	25.21	252	1118823	44.050	ng	#	96
89) Benzo(a)pyrene	26.17	252	1121350	46.134	ng	#	98
90) Dibenzo(a,h)anthracene	30.84	278	1162168	46.296	ng	#	95
91) Benzo(g,h,i)perylene	30.76	276	1393809	47.027	ng	#	92

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

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