Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031676.D
Acq On : 21 Dec 2017 16:51
Operator : SJ/JU
Sample : PB105239BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 22 00:40:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 14:09:19 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB105239BS

Manual Integrations APPROVED
Sohil
12/22/2017 12:44:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	57168m	20.00	ng		0.00
21) Naphthalene-d8	11.72	136	244761	20.00	ng		0.00
38) Acenaphthene-d10	15.46	164	172394	20.00	ng		0.00
63) Phenanthrene-d10	18.20	188	435648	20.00	ng		0.00
75) Chrysene-d12	22.57	240	488814	20.00	ng		0.00
86) Perylene-d12	26.35	264	533883	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	488025	155.49	ng		0.00
7) Phenol-d6	7.93	99	616418	151.27	ng		0.00
23) Nitrobenzene-d5	10.03	82	312733	96.48	ng		0.00
41) 2,4,6-Tribromophenol	16.94	330	378297	143.81	ng		0.00
44) 2-Fluorobiphenyl	14.09	172	1191309	86.73	ng		0.00
78) Terphenyl-d14	20.73	244	1997935	93.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.88	88	43724	37.580	ng	#	75
3) Pyridine	4.34	79	125673	40.409	ng	#	77
4) n-Nitrosodimethylamine	4.25	42	56810	45.268	ng	#	79
6) Aniline	8.12	93	174060	33.199	ng		94
8) 2-Chlorophenol	8.38	128	188348	51.732	ng	#	81
9) Benzaldehyde	7.92	77	72087m	29.378	ng		
10) Phenol	7.96	94	213692	51.940	ng		90
11) bis(2-Chloroethyl)ether	8.22	93	146074	42.751	ng	#	81
12) 1,3-Dichlorobenzene	8.72	146	200567m	44.361	ng		
13) 1,4-Dichlorobenzene	8.86	146	199189m	43.128	ng		
14) 1,2-Dichlorobenzene	9.20	146	192524	43.993	ng		97
15) Benzyl Alcohol	9.06	79	150173	49.090	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.36	45	157465	56.591	ng		79
17) 2-Methylphenol	9.26	107	154178	52.374	ng		96
18) Hexachloroethane	9.96	117	61862	44.224	ng	#	84
19) n-Nitroso-di-n-propylamine	9.65	70	115088m	41.353	ng		
20) 3+4-Methylphenols	9.60	107	208028	49.721	ng		96
22) Acetophenone	9.68	105	261578m	46.000	ng		
24) Nitrobenzene	10.07	77	162034	48.504	ng	#	83
25) Isophorone	10.60	82	328926	47.140	ng	#	85
26) 2-Nitrophenol	10.80	139	91825	52.425	ng	#	80
27) 2,4-Dimethylphenol	10.84	122	195933	53.159	ng		90
28) bis(2-Chloroethoxy)methane	11.09	93	212919	45.476	ng		93
29) 2,4-Dichlorophenol	11.34	162	223975	51.763	ng		90
30) 1,2,4-Trichlorobenzene	11.57	180	235358	44.548	ng		96
31) Naphthalene	11.77	128	553352	44.797	ng		99
32) Benzoic acid	10.97	122	127541	50.361	ng	#	81
33) 4-Chloroaniline	11.86	127	165630	30.117	ng	#	91
34) Hexachlorobutadiene	12.04	225	154788	42.676	ng		98
35) Caprolactam	12.61	113	67602	51.543	ng	#	50
36) 4-Chloro-3-methylphenol	12.93	107	197542	49.432	ng	#	83
37) 2-Methylnaphthalene	13.33	142	464744	46.411	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.68	216	316499	43.587	ng	#	96
40) Hexachlorocyclopentadiene	13.66	237	404713	105.651	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.91	196	204407	48.824	ng		97
43) 2,4,5-Trichlorophenol	13.98	196	218153	47.019	ng	#	91
45) 1,1'-Biphenyl	14.31	154	665480	45.197	ng		95
46) 2-Chloronaphthalene	14.36	162	498562	44.392	ng		94
47) 2-Nitroaniline	14.54	65	98223	50.639	ng	#	56
48) Acenaphthylene	15.19	152	758019	42.188	ng		99
49) Dimethylphthalate	14.90	163	656907	43.254	ng		99
50) 2,6-Dinitrotoluene	15.02	165	141970	50.815	ng	#	65
51) Acenaphthene	15.53	154	551356	46.855	ng		94
52) 3-Nitroaniline	15.35	138	95063	34.875	ng	#	72
53) 2,4-Dinitrophenol	15.55	184	144547	117.799	ng	#	68
54) Dibenzofuran	15.86	168	790091	43.801	ng		98
55) 4-Nitrophenol	15.63	139	235903	106.333	ng	#	67
56) 2,4-Dinitrotoluene	15.80	165	197207	54.894	ng	#	63
57) Fluorene	16.50	166	631976	43.128	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.07	232	230888	51.006	ng	#	84
59) Diethylphthalate	16.24	149	642918	43.433	ng		96
60) 4-Chlorophenyl-phenylether	16.48	204	389097	43.397	ng		91
61) 4-Nitroaniline	16.50	138	128478	48.301	ng		82
62) Azobenzene	16.78	77	422161	44.470	ng		83
64) 4,6-Dinitro-2-methylphenol	16.56	198	92766	44.503	ng	#	64
65) n-Nitrosodiphenylamine	16.69	169	597816	41.317	ng		100
66) 4-Bromophenyl-phenylether	17.38	248	279356	44.344	ng		92
67) Hexachlorobenzene	17.50	284	285059	44.264	ng	#	90
68) Atrazine	17.62	200	264569	47.026	ng		96
69) Pentachlorophenol	17.84	266	386821	87.327	ng		98
70) Phenanthrene	18.24	178	1074780	43.594	ng		99
71) Anthracene	18.34	178	1106302	44.483	ng		99
72) Carbazole	18.59	167	974850	44.287	ng		99
73) Di-n-butylphthalate	19.11	149	1079241	44.118	ng		99
74) Fluoranthene	20.20	202	1352529	44.710	ng		96
76) Benzidine	20.36	184	484085	32.085	ng		96
77) Pyrene	20.56	202	1355893	43.425	ng		97
79) Butylbenzylphthalate	21.44	149	475196	45.336	ng	#	72
80) Benzo(a)anthracene	22.54	228	1379446	44.364	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	409652	33.980	ng	#	97
82) Chrysene	22.62	228	1306457	44.407	ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	674177	44.395	ng	#	97
84) Di-n-octyl phthalate	23.84	149	1179563	46.122	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.77	276	1789071	47.401	ng	#	87
87) Benzo(b)fluoranthene	25.15	252	1476098	44.541	ng	#	97
88) Benzo(k)fluoranthene	25.23	252	1456854	43.926	ng	#	96
89) Benzo(a)pyrene	26.18	252	1455108	45.846	ng	#	98
90) Dibenzo(a,h)anthracene	30.87	278	1488511	45.409	ng	#	95
91) Benzo(g,h,i)perylene	30.77	276	1789071	46.227	ng	#	94

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

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