Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028917.D
Acq On : 25 Sep 2017 21:13
Operator : SJ/JU
Sample : PB102568BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 26 02:34:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 16:57:11 2017
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB102568BS

Manual Integrations APPROVED
Sohil
9/26/2017 8:42:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	29247	20.00	ng		-0.05
21) Naphthalene-d8	11.10	136	121168	20.00	ng		-0.05
38) Acenaphthene-d10	14.90	164	90510	20.00	ng		-0.05
63) Phenanthrene-d10	17.65	188	256634	20.00	ng		-0.05
75) Chrysene-d12	21.97	240	304339	20.00	ng		-0.06
86) Perylene-d12	25.42	264	308892	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	257095	145.05	ng		-0.05
7) Phenol-d6	7.44	99	361076	135.30	ng		-0.05
23) Nitrobenzene-d5	9.45	82	219846	86.80	ng		-0.05
41) 2,4,6-Tribromophenol	16.39	330	228640	152.73	ng		-0.05
44) 2-Fluorobiphenyl	13.52	172	582367	85.80	ng		-0.05
78) Terphenyl-d14	20.23	244	1231801	86.31	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.77	88	24629	34.312	ng		96
3) Pyridine	4.16	79	74087	36.184	ng		95
4) n-Nitrosodimethylamine	4.08	42	37047	39.775	ng	#	80
6) Aniline	7.61	93	100867	32.476	ng		96
8) 2-Chlorophenol	7.85	128	84932	42.983	ng		93
9) Benzaldehyde	7.43	77	22515	13.598	ng		90
10) Phenol	7.47	94	120694	42.853	ng		94
11) bis(2-Chloroethyl)ether	7.69	93	74803	36.993	ng		91
12) 1,3-Dichlorobenzene	8.17	146	84919	39.912	ng		92
13) 1,4-Dichlorobenzene	8.31	146	89965	41.120	ng		98
14) 1,2-Dichlorobenzene	8.64	146	82545	38.189	ng		98
15) Benzyl Alcohol	8.52	79	80746	38.759	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.80	45	141901	38.613	ng		98
17) 2-Methylphenol	8.72	107	79796	43.357	ng		93
18) Hexachloroethane	9.36	117	32655	40.723	ng		96
19) n-Nitroso-di-n-propylamine	9.08	70	71298	37.688	ng	#	86
20) 3+4-Methylphenols	9.05	107	110465	42.912	ng		91
22) Acetophenone	9.11	105	132718	37.461	ng	#	89
24) Nitrobenzene	9.49	77	110445	39.378	ng		92
25) Isophorone	10.01	82	195855	38.215	ng		98
26) 2-Nitrophenol	10.20	139	45416	38.046	ng		97
27) 2,4-Dimethylphenol	10.26	122	89335	40.942	ng		93
28) bis(2-Chloroethoxy)methane	10.49	93	111321	39.998	ng		99
29) 2,4-Dichlorophenol	10.75	162	95731	44.095	ng		93
30) 1,2,4-Trichlorobenzene	10.96	180	98904	39.934	ng		98
31) Naphthalene	11.15	128	260056	41.093	ng		97
32) Benzoic acid	10.40	122	42372	29.963	ng		85
33) 4-Chloroaniline	11.27	127	32686	12.329	ng		98
34) Hexachlorobutadiene	11.42	225	70249	38.510	ng		95
35) Caprolactam	12.04	113	37602m	48.299	ng		
36) 4-Chloro-3-methylphenol	12.37	107	116256	41.147	ng		97
37) 2-Methylnaphthalene	12.74	142	204425	43.266	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.10	216	132790	35.682	ng		96
40) Hexachlorocyclopentadiene	13.07	237	121036	83.367	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.34	196	91294	38.651	ng		95
43) 2,4,5-Trichlorophenol	13.42	196	100304	42.262	ng	#	89
45) 1,1'-Biphenyl	13.73	154	278700	37.190	ng		97
46) 2-Chloronaphthalene	13.78	162	217758	39.839	ng		99
47) 2-Nitroaniline	13.99	65	91334	44.961	ng		94
48) Acenaphthylene	14.62	152	356167	40.786	ng		97
49) Dimethylphthalate	14.34	163	317878	41.883	ng		99
50) 2,6-Dinitrotoluene	14.48	165	76551	45.328	ng	#	73
51) Acenaphthene	14.96	154	215628	40.649	ng		95
52) 3-Nitroaniline	14.81	138	46661	31.244	ng		98
53) 2,4-Dinitrophenol	15.02	184	75522	84.381	ng		92
54) Dibenzofuran	15.29	168	382995	45.274	ng		95
55) 4-Nitrophenol	15.12	139	102953	94.092	ng	#	79
56) 2,4-Dinitrotoluene	15.26	165	111660	47.023	ng	#	91
57) Fluorene	15.94	166	332836	44.071	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.52	232	105809	50.583	ng	#	93
59) Diethylphthalate	15.69	149	342053	43.855	ng		97
60) 4-Chlorophenyl-phenylether	15.93	204	187198	43.530	ng		88
61) 4-Nitroaniline	15.97	138	76893	48.599	ng	#	83
62) Azobenzene	16.22	77	315305	48.067	ng		92
64) 4,6-Dinitro-2-methylphenol	16.03	198	70049	42.301	ng		93
65) n-Nitrosodiphenylamine	16.14	169	298264	40.543	ng		98
66) 4-Bromophenyl-phenylether	16.82	248	137244	41.562	ng		98
67) Hexachlorobenzene	16.96	284	141339	37.607	ng	#	90
68) Atrazine	17.08	200	134297	42.515	ng		98
69) Pentachlorophenol	17.30	266	140698	82.856	ng		96
70) Phenanthrene	17.70	178	575996	43.889	ng		94
71) Anthracene	17.78	178	589094	44.436	ng		97
72) Carbazole	18.05	167	525628	44.023	ng		95
73) Di-n-butylphthalate	18.58	149	630462	43.064	ng	#	92
74) Fluoranthene	19.69	202	742326	46.325	ng		94
76) Benzidine	19.87	184	384922	48.772	ng		97
77) Pyrene	20.05	202	757479	43.150	ng		95
79) Butylbenzylphthalate	20.92	149	291777	41.155	ng		91
80) Benzo(a)anthracene	21.95	228	790687	43.162	ng		95
81) 3,3'-Dichlorobenzidine	21.85	252	177931	23.956	ng	#	94
82) Chrysene	22.02	228	740586	42.607	ng		95
83) Bis(2-ethylhexyl)phthalate	21.80	149	411201	40.797	ng		100
84) Di-n-octyl phthalate	23.09	149	714393	40.568	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.40	276	944603	42.296	ng		99
87) Benzo(b)fluoranthene	24.32	252	794542	42.933	ng		97
88) Benzo(k)fluoranthene	24.39	252	796591	43.093	ng		93
89) Benzo(a)pyrene	25.26	252	777516	44.262	ng		99
90) Dibenzo(a,h)anthracene	29.45	278	794643	43.390	ng		98
91) Benzo(g,h,i)perylene	30.65	276	776414	43.449	ng		98

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

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