Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
Data File : BG029402.D
Acq On : 23 Oct 2017 16:53
Operator : SJ/JU
Sample : PB103551BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 24 06:37:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB103551BS

Manual Integrations APPROVED
Sohil
10/24/2017 8:47:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	56057	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	254145	20.00	ng		0.00
38) Acenaphthene-d10	14.78	164	172476	20.00	ng		-0.01
63) Phenanthrene-d10	17.52	188	442564	20.00	ng		-0.01
75) Chrysene-d12	21.79	240	500330	20.00	ng		-0.01
86) Perylene-d12	25.09	264	511874	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	331150	98.69	ng		0.00
7) Phenol-d6	7.32	99	440729	93.57	ng		0.00
23) Nitrobenzene-d5	9.33	82	247141	61.80	ng		-0.01
41) 2,4,6-Tribromophenol	16.27	330	227741	102.27	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	699179	59.45	ng		0.00
78) Terphenyl-d14	20.11	244	1248300	56.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	38599	28.351	ng		84
3) Pyridine	3.98	79	102799	25.928	ng		94
4) n-Nitrosodimethylamine	3.89	42	52804	28.492	ng	#	91
6) Aniline	7.48	93	110016	18.863	ng		92
8) 2-Chlorophenol	7.73	128	111821	29.072	ng		92
9) Benzaldehyde	7.29	77	69382	29.286	ng		91
10) Phenol	7.34	94	152179	29.969	ng		92
11) bis(2-Chloroethyl)ether	7.58	93	104560	28.262	ng		90
12) 1,3-Dichlorobenzene	8.05	146	118650	27.476	ng		95
13) 1,4-Dichlorobenzene	8.20	146	119417	27.086	ng		96
14) 1,2-Dichlorobenzene	8.52	146	114591	26.947	ng		97
15) Benzyl Alcohol	8.40	79	102546	30.894	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.69	45	172801	27.503	ng		94
17) 2-Methylphenol	8.60	107	102204	30.299	ng		96
18) Hexachloroethane	9.26	117	40693	27.084	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	87350	27.275	ng	#	96
20) 3+4-Methylphenols	8.93	107	140420	29.544	ng		95
22) Acetophenone	8.99	105	162928	26.602	ng	#	92
24) Nitrobenzene	9.37	77	124586	27.706	ng		93
25) Isophorone	9.89	82	240749	28.836	ng	#	94
26) 2-Nitrophenol	10.09	139	62313	28.994	ng		91
27) 2,4-Dimethylphenol	10.14	122	116289	29.907	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	147942	28.898	ng		97
29) 2,4-Dichlorophenol	10.63	162	126895	30.603	ng		91
30) 1,2,4-Trichlorobenzene	10.84	180	126874	28.322	ng		97
31) Naphthalene	11.03	128	348110	27.484	ng		99
32) Benzoic acid	10.24	122	81482m	25.027	ng		
33) 4-Chloroaniline	11.13	127	94147	17.670	ng		95
34) Hexachlorobutadiene	11.31	225	78654	28.240	ng		96
35) Caprolactam	11.89	113	48611	35.275	ng	#	80
36) 4-Chloro-3-methylphenol	12.24	107	135568	29.726	ng		90
37) 2-Methylnaphthalene	12.62	142	274458	29.731	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	152224	24.174	ng		98
40) Hexachlorocyclopentadiene	12.97	237	190107	79.711	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	113068	28.603	ng		98
43) 2,4,5-Trichlorophenol	13.29	196	126782	31.229	ng		95
45) 1,1'-Biphenyl	13.62	154	373942	25.224	ng		99
46) 2-Chloronaphthalene	13.66	162	290917	26.903	ng		98
47) 2-Nitroaniline	13.86	65	90279	30.395	ng	#	87
48) Acenaphthylene	14.50	152	469405	27.737	ng		98
49) Dimethylphthalate	14.23	163	406961	30.241	ng		99
50) 2,6-Dinitrotoluene	14.35	165	87916	31.165	ng	#	80
51) Acenaphthene	14.84	154	309410	28.100	ng		98
52) 3-Nitroaniline	14.68	138	65638	21.563	ng	#	79
53) 2,4-Dinitrophenol	14.89	184	44051	32.638	ng	#	49
54) Dibenzofuran	15.18	168	477757	30.393	ng		99
55) 4-Nitrophenol	14.98	139	147467	58.761	ng	#	82
56) 2,4-Dinitrotoluene	15.13	165	129697	33.963	ng	#	76
57) Fluorene	15.83	166	382468	29.453	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.40	232	123414	36.437	ng		95
59) Diethylphthalate	15.58	149	410751	30.627	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	209567	30.269	ng		96
61) 4-Nitroaniline	15.84	138	97302	31.129	ng		86
62) Azobenzene	16.10	77	355079	31.397	ng		97
64) 4,6-Dinitro-2-methylphenol	15.90	198	54599	24.435	ng		84
65) n-Nitrosodiphenylamine	16.03	169	354968	26.775	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	140214	27.610	ng		98
67) Hexachlorobenzene	16.82	284	151404	26.320	ng		97
68) Atrazine	16.97	200	144993	30.651	ng		98
69) Pentachlorophenol	17.17	266	171519	51.905	ng		99
70) Phenanthrene	17.56	178	659668	28.853	ng		99
71) Anthracene	17.65	178	682196	29.716	ng		100
72) Carbazole	17.92	167	632044	28.660	ng		99
73) Di-n-butylphthalate	18.46	149	731770	28.851	ng		99
74) Fluoranthene	19.56	202	841137	31.455	ng		98
76) Benzidine	19.73	184	326796	21.632	ng		99
77) Pyrene	19.92	202	868867	28.627	ng		99
79) Butylbenzylphthalate	20.79	149	349167	27.003	ng		88
80) Benzo(a)anthracene	21.77	228	865569	29.466	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	220281	18.168	ng		98
82) Chrysene	21.84	228	808909	28.754	ng		98
83) Bis(2-ethylhexyl)phthalate	21.66	149	492044	26.515	ng		96
84) Di-n-octyl phthalate	22.90	149	840275	25.980	ng		97
85) Indeno(1,2,3-cd)pyrene	28.87	276	984746	28.453	ng	#	94
87) Benzo(b)fluoranthene	24.04	252	851164	29.045	ng		100
88) Benzo(k)fluoranthene	24.11	252	843341	28.886	ng		100
89) Benzo(a)pyrene	24.93	252	827262	29.364	ng		97
90) Dibenzo(a,h)anthracene	28.94	278	830967	29.134	ng		98
91) Benzo(g,h,i)perylene	30.06	276	820777	30.972	ng		99

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

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