Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031257.D
Acq On : 28 Nov 2017 18:36
Operator : SJ/JU
Sample : IDOC-W-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04

Manual Integrations APPROVED
Sohil
11/29/2017 4:30:06 PM

Quant Time: Nov 29 06:51:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	47663	20.00	ng		-0.03
21) Naphthalene-d8	10.95	136	212307	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	154182	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	441610	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	496205	20.00	ng		-0.02
86) Perylene-d12	25.06	264	481480	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	399390	143.69	ng		-0.01
7) Phenol-d6	7.30	99	527216	140.79	ng		0.00
23) Nitrobenzene-d5	9.30	82	299967	83.72	ng		-0.03
41) 2,4,6-Tribromophenol	16.24	330	298731	119.77	ng		-0.02
44) 2-Fluorobiphenyl	13.38	172	908146	84.63	ng		-0.02
78) Terphenyl-d14	20.08	244	1846606	82.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	45422	40.269	ng	#	80
3) Pyridine	3.94	79	126071	38.499	ng		86
4) n-Nitrosodimethylamine	3.85	42	58176	37.485	ng	#	87
6) Aniline	7.45	93	130522	26.485	ng		93
8) 2-Chlorophenol	7.70	128	146670	47.815	ng		87
9) Benzaldehyde	7.26	77	51866	19.793	ng		90
10) Phenol	7.33	94	188537	48.481	ng		91
11) bis(2-Chloroethyl)ether	7.54	93	129472	41.697	ng		86
12) 1,3-Dichlorobenzene	8.02	146	154812m	43.017	ng		
13) 1,4-Dichlorobenzene	8.16	146	157463	43.177	ng		92
14) 1,2-Dichlorobenzene	8.48	146	148498	42.424	ng		97
15) Benzyl Alcohol	8.37	79	124989	41.612	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	187478	54.662	ng		91
17) 2-Methylphenol	8.58	107	127596	47.117	ng		97
18) Hexachloroethane	9.22	117	53814	42.397	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	105569	37.078	ng	#	95
20) 3+4-Methylphenols	8.91	107	178121	46.257	ng		94
22) Acetophenone	8.95	105	210505	39.821	ng	#	92
24) Nitrobenzene	9.34	77	155918	42.602	ng		92
25) Isophorone	9.86	82	304080	43.518	ng	#	93
26) 2-Nitrophenol	10.05	139	86706	45.450	ng	#	87
27) 2,4-Dimethylphenol	10.11	122	148580	52.462	ng		92
28) bis(2-Chloroethoxy)methane	10.34	93	190528	43.293	ng		94
29) 2,4-Dichlorophenol	10.60	162	173227	50.935	ng		90
30) 1,2,4-Trichlorobenzene	10.81	180	172173	42.404	ng		97
31) Naphthalene	10.99	128	444271	42.568	ng		98
32) Benzoic acid	10.26	122	83776	36.988	ng	#	84
33) 4-Chloroaniline	11.11	127	100412	21.978	ng		92
34) Hexachlorobutadiene	11.28	225	109439	38.864	ng		94
35) Caprolactam	11.88	113	71315m	51.332	ng		
36) 4-Chloro-3-methylphenol	12.23	107	184572	49.864	ng		87
37) 2-Methylnaphthalene	12.59	142	363155	45.074	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	225902	36.916	ng		96
40) Hexachlorocyclopentadiene	12.93	237	155491	70.208	ng		92

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Quant Time: Nov 29 06:51:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	161212	46.083	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	179995	47.026	ng	#	91
45) 1,1'-Biphenyl	13.59	154	507701	39.710	ng		98
46) 2-Chloronaphthalene	13.64	162	403746	43.768	ng		95
47) 2-Nitroaniline	13.84	65	122903	44.951	ng	#	80
48) Acenaphthylene	14.48	152	645452	42.751	ng		99
49) Dimethylphthalate	14.20	163	596446	44.741	ng		99
50) 2,6-Dinitrotoluene	14.32	165	136527	49.687	ng	#	76
51) Acenaphthene	14.82	154	399045	42.320	ng		99
52) 3-Nitroaniline	14.66	138	81175	27.823	ng	#	77
53) 2,4-Dinitrophenol	14.88	184	155490	101.183	ng	#	49
54) Dibenzofuran	15.15	168	676383	45.034	ng		99
55) 4-Nitrophenol	14.99	139	213688	102.817	ng	#	74
56) 2,4-Dinitrotoluene	15.12	165	205155	51.645	ng	#	73
57) Fluorene	15.80	166	549094	45.031	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	179338	49.162	ng	#	91
59) Diethylphthalate	15.55	149	622962	46.004	ng		98
60) 4-Chlorophenyl-phenylether	15.78	204	325438	44.192	ng		90
61) 4-Nitroaniline	15.82	138	151861	49.154	ng		85
62) Azobenzene	16.08	77	477333	46.220	ng		92
64) 4,6-Dinitro-2-methylphenol	15.89	198	121180	41.283	ng		78
65) n-Nitrosodiphenylamine	16.00	169	537792	40.188	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	220680	39.455	ng		96
67) Hexachlorobenzene	16.80	284	225629	37.965	ng		96
68) Atrazine	16.94	200	238507	43.198	ng		99
69) Pentachlorophenol	17.15	266	240957	73.347	ng		98
70) Phenanthrene	17.54	178	1012489	44.034	ng		98
71) Anthracene	17.63	178	1037395	45.027	ng		99
72) Carbazole	17.90	167	984571	45.608	ng		99
73) Di-n-butylphthalate	18.43	149	1152301	43.473	ng		99
74) Fluoranthene	19.54	202	1347777	46.295	ng		96
76) Benzidine	19.71	184	387816	24.331	ng		98
77) Pyrene	19.90	202	1365357	46.370	ng		96
79) Butylbenzylphthalate	20.76	149	534965	45.567	ng		87
80) Benzo(a)anthracene	21.75	228	1351951	43.863	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	321462	25.837	ng		98
82) Chrysene	21.82	228	1274448	44.699	ng		96
83) Bis(2-ethylhexyl)phthalate	21.62	149	755302	44.569	ng		99
84) Di-n-octyl phthalate	22.85	149	1275125	46.229	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.87	276	1495563	43.148	ng		98
87) Benzo(b)fluoranthene	24.02	252	1341179	46.050	ng		98
88) Benzo(k)fluoranthene	24.08	252	1325691	45.922	ng		99
89) Benzo(a)pyrene	24.91	252	1303150	47.099	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1251703	44.261	ng		98
91) Benzo(g,h,i)perylene	30.05	276	1253991	45.687	ng		99

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

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