Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029320.D
Acq On : 18 Oct 2017 4:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/18/2017 7:29:02 PM

Quant Time: Oct 18 15:29:42 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	65225	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	325926	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	206736	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	458221	20.00	ng		0.00
75) Chrysene-d12	21.80	240	467333	20.00	ng		0.00
86) Perylene-d12	25.11	264	473888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	351207	89.95	ng		0.00
7) Phenol-d6	7.32	99	503276	91.83	ng		0.00
23) Nitrobenzene-d5	9.34	82	437378	85.28	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	210243	78.77	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1152740	81.78	ng		0.00
78) Terphenyl-d14	20.12	244	1719080	83.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	67354	42.517	ng		85
3) Pyridine	3.99	79	203634	44.142	ng		87
4) n-Nitrosodimethylamine	3.90	42	93536	43.376	ng	#	94
6) Aniline	7.48	93	302344	44.552	ng		95
8) 2-Chlorophenol	7.73	128	203782	45.534	ng		93
9) Benzaldehyde	7.30	77	122608	44.479	ng		92
10) Phenol	7.35	94	269942	45.688	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	193475	44.945	ng		93
12) 1,3-Dichlorobenzene	8.06	146	215390	42.868	ng		96
13) 1,4-Dichlorobenzene	8.21	146	222135	43.302	ng		93
14) 1,2-Dichlorobenzene	8.53	146	212293	42.905	ng		98
15) Benzyl Alcohol	8.40	79	174472	45.175	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.70	45	313002	42.815	ng		94
17) 2-Methylphenol	8.61	107	173657	44.245	ng		97
18) Hexachloroethane	9.26	117	74436	42.579	ng		91
19) n-Nitroso-di-n-propylamine	8.97	70	167233	44.878	ng	#	97
20) 3+4-Methylphenols	8.94	107	251894	45.548	ng		94
22) Acetophenone	8.99	105	330359	42.059	ng	#	93
24) Nitrobenzene	9.38	77	245652	42.598	ng		93
25) Isophorone	9.90	82	453399	42.346	ng		95
26) 2-Nitrophenol	10.09	139	125812	45.647	ng		89
27) 2,4-Dimethylphenol	10.15	122	212211	42.556	ng		92
28) bis(2-Chloroethoxy)methane	10.38	93	280383	42.706	ng		97
29) 2,4-Dichlorophenol	10.63	162	229264	43.114	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	237173	41.284	ng		99
31) Naphthalene	11.04	128	670169	41.258	ng		98
32) Benzoic acid	10.21	122	39062m	9.355	ng		
33) 4-Chloroaniline	11.14	127	296372	43.375	ng		95
34) Hexachlorobutadiene	11.32	225	143725	40.238	ng		96
35) Caprolactam	11.91	113	75304	42.610	ng	#	86
36) 4-Chloro-3-methylphenol	12.25	107	249842	42.718	ng	#	88
37) 2-Methylnaphthalene	12.63	142	495503	41.855	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	309491	41.003	ng		98
40) Hexachlorocyclopentadiene	12.97	237	98603	37.136	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	199620	42.129	ng		97
43) 2,4,5-Trichlorophenol	13.30	196	211184	43.399	ng		97
45) 1,1'-Biphenyl	13.63	154	735695	41.402	ng		96
46) 2-Chloronaphthalene	13.67	162	540578	41.707	ng		97
47) 2-Nitroaniline	13.87	65	157289	44.181	ng	#	87
48) Acenaphthylene	14.52	152	845946	41.703	ng		99
49) Dimethylphthalate	14.24	163	685976	42.528	ng		100
50) 2,6-Dinitrotoluene	14.36	165	154364	45.651	ng	#	81
51) Acenaphthene	14.85	154	518061	39.252	ng		99
52) 3-Nitroaniline	14.69	138	158200	43.357	ng	#	84
53) 2,4-Dinitrophenol	14.90	184	2541	7.883	ng	#	57
54) Dibenzofuran	15.19	168	784060	41.613	ng		99
55) 4-Nitrophenol	14.99	139	101403	33.710	ng	#	83
56) 2,4-Dinitrotoluene	15.14	165	209290	45.723	ng	#	79
57) Fluorene	15.83	166	643834	41.364	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	129848	31.984	ng		99
59) Diethylphthalate	15.59	149	678957	42.236	ng		99
60) 4-Chlorophenyl-phenylether	15.82	204	353464	42.593	ng		95
61) 4-Nitroaniline	15.85	138	160039	42.715	ng		83
62) Azobenzene	16.12	77	561568	41.427	ng		95
64) 4,6-Dinitro-2-methylphenol	15.90	198	13084	9.498	ng		86
65) n-Nitrosodiphenylamine	16.03	169	582869	42.463	ng		99
66) 4-Bromophenyl-phenylether	16.72	248	225306	42.850	ng		99
67) Hexachlorobenzene	16.84	284	251746	42.268	ng		95
68) Atrazine	16.97	200	209297	42.733	ng		98
69) Pentachlorophenol	17.18	266	35759	10.452	ng		99
70) Phenanthrene	17.57	178	982523	41.506	ng		98
71) Anthracene	17.66	178	983714	41.385	ng		99
72) Carbazole	17.93	167	943622	41.326	ng		99
73) Di-n-butylphthalate	18.47	149	1098420	41.827	ng		99
74) Fluoranthene	19.56	202	1149888	41.531	ng		96
76) Benzidine	19.73	184	598153	42.391	ng		98
77) Pyrene	19.93	202	1180619	41.645	ng		97
79) Butylbenzylphthalate	20.80	149	516367	42.753	ng		89
80) Benzo(a)anthracene	21.78	228	1172204	42.722	ng		99
81) 3,3'-Dichlorobenzidine	21.69	252	484504	42.781	ng		96
82) Chrysene	21.85	228	1119380	42.599	ng		97
83) Bis(2-ethylhexyl)phthalate	21.67	149	724737	41.811	ng		100
84) Di-n-octyl phthalate	22.91	149	1277717	42.295	ng		97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1273662	39.399	ng	#	92
87) Benzo(b)fluoranthene	24.06	252	1185796	43.707	ng		99
88) Benzo(k)fluoranthene	24.13	252	1216947	45.024	ng		97
89) Benzo(a)pyrene	24.96	252	1148578	44.037	ng		99
90) Dibenzo(a,h)anthracene	28.98	278	1099351	41.634	ng		98
91) Benzo(g,h,i)perylene	30.09	276	948889	38.676	ng		99

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

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