Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032759.D
Acq On : 21 Feb 2018 13:26
Operator : SJ/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
2/22/2018 3:13:51 PM

Quant Time: Feb 21 14:05:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 13:32:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	60747	20.00	ng		0.00
21) Naphthalene-d8	11.82	136	273136	20.00	ng		0.00
38) Acenaphthene-d10	15.55	164	153222	20.00	ng		0.00
63) Phenanthrene-d10	18.28	188	344186	20.00	ng		0.00
75) Chrysene-d12	22.64	240	309243	20.00	ng		0.00
86) Perylene-d12	26.46	264	332801	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	399271	131.87	ng		0.00
7) Phenol-d6	8.03	99	541917	130.89	ng		0.00
23) Nitrobenzene-d5	10.14	82	396435	92.25	ng		0.00
41) 2,4,6-Tribromophenol	17.02	330	176364	74.75	ng		0.00
44) 2-Fluorobiphenyl	14.18	172	1058983	86.43	ng		0.00
78) Terphenyl-d14	20.80	244	1353463	99.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	83199	65.688	ng		89
3) Pyridine	4.44	79	242422	74.620	ng		96
4) n-Nitrosodimethylamine	4.34	42	94400	61.839	ng	#	92
6) Aniline	8.22	93	361350	73.847	ng		98
8) 2-Chlorophenol	8.47	128	213580	61.345	ng		93
9) Benzaldehyde	8.03	77	137259	56.098	ng		90
10) Phenol	8.05	94	271203	67.354	ng		93
11) bis(2-Chloroethyl)ether	8.32	93	219557	68.015	ng		93
12) 1,3-Dichlorobenzene	8.82	146	246615	50.223	ng		97
13) 1,4-Dichlorobenzene	8.97	146	248617	51.248	ng		95
14) 1,2-Dichlorobenzene	9.30	146	234711	47.969	ng		98
15) Benzyl Alcohol	9.17	79	198858	64.083	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.46	45	371211	106.849	ng		97
17) 2-Methylphenol	9.36	107	199376	69.918	ng		95
18) Hexachloroethane	10.07	117	86442	48.800	ng	#	85
19) n-Nitroso-di-n-propylamine	9.75	70	186206	66.901	ng	#	97
20) 3+4-Methylphenols	9.70	107	277634	64.418	ng		94
22) Acetophenone	9.78	105	351823	60.565	ng	#	95
24) Nitrobenzene	10.18	77	219204	48.715	ng		94
25) Isophorone	10.70	82	482558	58.893	ng	#	94
26) 2-Nitrophenol	10.91	139	77886	32.363	ng		89
27) 2,4-Dimethylphenol	10.93	122	208663	65.993	ng		89
28) bis(2-Chloroethoxy)methane	11.18	93	281305	67.159	ng		95
29) 2,4-Dichlorophenol	11.44	162	196693	42.503	ng		94
30) 1,2,4-Trichlorobenzene	11.67	180	225981	34.831	ng		97
31) Naphthalene	11.88	128	719564	54.255	ng		98
32) Benzoic acid	11.06	122	136760	59.348	ng	#	82
33) 4-Chloroaniline	11.96	127	325982	61.945	ng		95
34) Hexachlorobutadiene	12.14	225	125190	23.544	ng		96
35) Caprolactam	12.70	113	82238	62.577	ng	#	86
36) 4-Chloro-3-methylphenol	13.02	107	230149	55.289	ng	#	87
37) 2-Methylnaphthalene	13.42	142	518036	48.155	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.77	216	231580	32.000	ng	#	98
40) Hexachlorocyclopentadiene	13.75	237	121834	26.603	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.99	196	150547	41.680	ng		97
43) 2,4,5-Trichlorophenol	14.06	196	172807	38.391	ng		95
45) 1,1'-Biphenyl	14.39	154	673571	53.427	ng		94
46) 2-Chloronaphthalene	14.44	162	503304	50.450	ng		97
47) 2-Nitroaniline	14.62	65	125269	57.726	ng	#	87
48) Acenaphthylene	15.28	152	835108	56.898	ng		98
49) Dimethylphthalate	14.98	163	664210	50.150	ng		100
50) 2,6-Dinitrotoluene	15.10	165	107095	39.262	ng		96
51) Acenaphthene	15.61	154	522407	52.119	ng		98
52) 3-Nitroaniline	15.43	138	137937	57.265	ng	#	88
53) 2,4-Dinitrophenol	15.62	184	28863	27.177	ng	#	1
54) Dibenzofuran	15.94	168	733664	49.197	ng		94
55) 4-Nitrophenol	15.69	139	101905	65.140	ng	#	84
56) 2,4-Dinitrotoluene	15.88	165	131108	34.884	ng	#	88
57) Fluorene	16.58	166	602583	49.134	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.15	232	138868m	32.768	ng		
59) Diethylphthalate	16.32	149	708491	54.977	ng		97
60) 4-Chlorophenyl-phenylether	16.56	204	297674	36.762	ng		93
61) 4-Nitroaniline	16.58	138	149704	60.281	ng		87
62) Azobenzene	16.85	77	626032	75.611	ng		97
64) 4,6-Dinitro-2-methylphenol	16.63	198	50350	21.772	ng		95
65) n-Nitrosodiphenylamine	16.77	169	559530	55.430	ng		98
66) 4-Bromophenyl-phenylether	17.45	248	181756	36.899	ng	#	87
67) Hexachlorobenzene	17.58	284	196805	37.200	ng		95
68) Atrazine	17.69	200	189139	43.685	ng		96
69) Pentachlorophenol	17.91	266	133266	41.146	ng		98
70) Phenanthrene	18.32	178	958595	51.847	ng		97
71) Anthracene	18.41	178	966483	51.088	ng		99
72) Carbazole	18.66	167	950591	58.934	ng		97
73) Di-n-butylphthalate	19.17	149	1193098	65.695	ng		98
74) Fluoranthene	20.27	202	1059893	42.940	ng		94
76) Benzidine	20.42	184	487239	66.911	ng		98
77) Pyrene	20.62	202	1084702	58.959	ng		96
79) Butylbenzylphthalate	21.50	149	522673	86.242	ng		93
80) Benzo(a)anthracene	22.62	228	998589	51.574	ng		99
81) 3,3'-Dichlorobenzidine	22.50	252	377700	52.233	ng	#	98
82) Chrysene	22.69	228	953055	49.919	ng		97
83) Bis(2-ethylhexyl)phthalate	22.47	149	755111	86.401	ng	#	97
84) Di-n-octyl phthalate	23.91	149	1191080	86.865	ng		99
85) Indeno(1,2,3-cd)pyrene	30.92	276	1157437	51.176	ng		95
87) Benzo(b)fluoranthene	25.23	252	991361	49.985	ng	#	97
88) Benzo(k)fluoranthene	25.32	252	973361	47.421	ng	#	95
89) Benzo(a)pyrene	26.29	252	950528	49.195	ng	#	95
90) Dibenzo(a,h)anthracene	31.00	278	965307	50.183	ng	#	94
91) Benzo(g,h,i)perylene	32.31	276	949691	51.073	ng	#	92

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

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