Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
Data File : BG023745.D
Acq On : 17 Aug 2016 9:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Aug 17 16:05:53 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	123086	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	582038	20.00	ng		-0.02
38) Acenaphthene-d10	14.78	164	374609	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	822787	20.00	ng		0.00
75) Chrysene-d12	21.87	240	791969	20.00	ng		0.01
86) Perylene-d12	25.28	264	791297	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	580036	79.32	ng		-0.02
7) Phenol-d6	7.26	99	898802	78.92	ng		-0.01
23) Nitrobenzene-d5	9.28	82	905996	77.39	ng		-0.01
41) 2,4,6-Tribromophenol	16.28	330	389728	71.13	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1793960	80.77	ng		0.00
78) Terphenyl-d14	20.15	244	2098737	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	105766	33.95	ng		91
3) Pyridine	3.91	79	333364	32.56	ng		91
4) n-Nitrosodimethylamine	3.82	42	147931	38.97	ng	#	78
6) Aniline	7.42	93	563684	34.26	ng		96
8) 2-Chlorophenol	7.66	128	327750	39.01	ng		98
9) Benzaldehyde	7.23	77	257440	39.60	ng		94
10) Phenol	7.29	94	459733	37.73	ng		85
11) bis(2-Chloroethyl)ether	7.51	93	358753	36.91	ng		90
12) 1,3-Dichlorobenzene	7.99	146	378082	39.31	ng		93
13) 1,4-Dichlorobenzene	8.14	146	384800	39.08	ng		95
14) 1,2-Dichlorobenzene	8.46	146	370258	38.34	ng	#	90
15) Benzyl Alcohol	8.34	79	352633	40.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	535179	37.44	ng		89
17) 2-Methylphenol	8.56	107	307302	37.62	ng		91
18) Hexachloroethane	9.19	117	152081	41.04	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	350377	35.77	ng		99
20) 3+4-Methylphenols	8.89	107	433965	37.69	ng		91
22) Acetophenone	8.94	105	582350	36.54	ng	#	91
24) Nitrobenzene	9.33	77	526206	40.59	ng	#	89
25) Isophorone	9.85	82	917008	37.60	ng	#	95
26) 2-Nitrophenol	10.04	139	219903	40.19	ng	#	78
27) 2,4-Dimethylphenol	10.10	122	347707	37.32	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	495296	33.79	ng		96
29) 2,4-Dichlorophenol	10.59	162	364980	38.96	ng		97
30) 1,2,4-Trichlorobenzene	10.80	180	404739	40.06	ng		99
31) Naphthalene	10.99	128	1108657	37.41	ng		99
32) Benzoic acid	10.28	122	290280	35.74	ng		93
33) 4-Chloroaniline	11.10	127	477366	33.69	ng		95
34) Hexachlorobutadiene	11.26	225	277736	41.80	ng		96
35) Caprolactam	11.89	113	127181	32.27	ng	#	86
36) 4-Chloro-3-methylphenol	12.23	107	443708	36.05	ng		93
37) 2-Methylnaphthalene	12.60	142	804224m	35.69	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	567313	41.76	ng		98
40) Hexachlorocyclopentadiene	12.94	237	62165	9.07	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	317947	39.29	ng		96
43) 2,4,5-Trichlorophenol	13.29	196	326891	39.24	ng		98
45) 1,1'-Biphenyl	13.60	154	1114641	38.92	ng		95
46) 2-Chloronaphthalene	13.66	162	879072	39.68	ng		97
47) 2-Nitroaniline	13.86	65	340667	37.04	ng		90
48) Acenaphthylene	14.50	152	1363470	38.94	ng		99
49) Dimethylphthalate	14.23	163	1113751	38.75	ng		99
50) 2,6-Dinitrotoluene	14.35	165	251198	36.90	ng		83
51) Acenaphthene	14.84	154	845337	38.10	ng		99
52) 3-Nitroaniline	14.69	138	261709	34.10	ng	#	82
53) 2,4-Dinitrophenol	14.91	184	95415	21.87	ng		88
54) Dibenzofuran	15.18	168	1221114	37.91	ng		95
55) 4-Nitrophenol	15.01	139	185869	30.83	ng	#	82
56) 2,4-Dinitrotoluene	15.15	165	358635	37.54	ng		95
57) Fluorene	15.83	166	1045235	37.19	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.41	232	273377	35.76	ng		96
59) Diethylphthalate	15.58	149	1121644	38.44	ng		98
60) 4-Chlorophenyl-phenylether	15.81	204	570376	38.35	ng		99
61) 4-Nitroaniline	15.86	138	268231	32.82	ng	#	69
62) Azobenzene	16.11	77	1097774	37.12	ng		92
64) 4,6-Dinitro-2-methylphenol	15.92	198	169206	30.25	ng		94
65) n-Nitrosodiphenylamine	16.03	169	922356	38.22	ng		94
66) 4-Bromophenyl-phenylether	16.72	248	372807	38.88	ng		97
67) Hexachlorobenzene	16.85	284	387400	36.93	ng		97
68) Atrazine	16.99	200	362846	39.16	ng		98
69) Pentachlorophenol	17.20	266	199397m	32.60	ng		
70) Phenanthrene	17.59	178	1569841	37.60	ng		98
71) Anthracene	17.68	178	1616957	38.51	ng		100
72) Carbazole	17.95	167	1402423	38.03	ng		99
73) Di-n-butylphthalate	18.49	149	1753761	47.29	ng	#	98
74) Fluoranthene	19.60	202	1735495	44.02	ng		96
76) Benzidine	19.78	184	951161	43.20	ng		98
77) Pyrene	19.96	202	1741295	37.32	ng		99
79) Butylbenzylphthalate	20.84	149	804805	42.20	ng		93
80) Benzo(a)anthracene	21.85	228	1674605	38.31	ng		97
81) 3,3'-Dichlorobenzidine	21.76	252	705142	39.33	ng	#	97
82) Chrysene	21.92	228	1599244	38.45	ng		99
83) Bis(2-ethylhexyl)phthalate	21.72	149	1124573	43.06	ng	#	99
84) Di-n-octyl phthalate	22.99	149	1864043	41.82	ng		100
85) Indeno(1,2,3-cd)pyrene	29.21	276	1972284	37.95	ng	#	100
87) Benzo(b)fluoranthene	24.19	252	1655992	37.20	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	1647433	38.53	ng	#	97
89) Benzo(a)pyrene	25.12	252	1615899	38.16	ng	#	98
90) Dibenzo(a,h)anthracene	29.26	278	1658769	38.35	ng	#	92
91) Benzo(g,h,i)perylene	30.43	276	1582724	36.34	ng	#	93

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

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