Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022321.D
Acq On : 13 Jun 2016 11:59
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 14 00:44:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	36911	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	210410	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	134445	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	291161	20.00	ng		0.00
75) Chrysene-d12	21.74	240	196490	20.00	ng		0.00
86) Perylene-d12	25.01	264	179114	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	169691	88.89	ng		0.00
7) Phenol-d6	7.25	99	278084	92.65	ng		0.00
23) Nitrobenzene-d5	9.26	82	270748	89.71	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	114417	75.32	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	698149	79.14	ng		0.00
78) Terphenyl-d14	20.06	244	683946	82.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	35611	38.90	ng	#	81
3) Pyridine	3.88	79	106731	43.15	ng		98
4) n-Nitrosodimethylamine	3.81	42	26890	48.62	ng	#	92
6) Aniline	7.41	93	180655	47.37	ng	#	82
8) 2-Chlorophenol	7.65	128	113252	42.92	ng	#	81
9) Benzaldehyde	7.22	77	72155	43.67	ng	#	80
10) Phenol	7.28	94	144041	46.55	ng		82
11) bis(2-Chloroethyl)ether	7.50	93	112266	45.50	ng	#	75
12) 1,3-Dichlorobenzene	7.98	146	110141	38.94	ng	#	90
13) 1,4-Dichlorobenzene	8.12	146	112448	39.90	ng		96
14) 1,2-Dichlorobenzene	8.44	146	114179	40.19	ng		95
15) Benzyl Alcohol	8.33	79	97133	50.09	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.62	45	123973	48.43	ng		85
17) 2-Methylphenol	8.54	107	105618	45.74	ng	#	84
18) Hexachloroethane	9.17	117	41275	40.11	ng	#	80
19) n-Nitroso-di-n-propylamine	8.90	70	102399	50.40	ng	#	69
20) 3+4-Methylphenols	8.87	107	153010	46.19	ng		98
22) Acetophenone	8.92	105	195069	43.02	ng	#	83
24) Nitrobenzene	9.31	77	133033	43.83	ng	#	88
25) Isophorone	9.82	82	305637	43.29	ng	#	93
26) 2-Nitrophenol	10.02	139	75156	45.67	ng	#	77
27) 2,4-Dimethylphenol	10.08	122	129868	43.60	ng		89
28) bis(2-Chloroethoxy)methane	10.31	93	176237	43.57	ng		94
29) 2,4-Dichlorophenol	10.56	162	119917	43.46	ng		96
30) 1,2,4-Trichlorobenzene	10.77	180	117646	38.16	ng		95
31) Naphthalene	10.96	128	411931	39.22	ng	#	95
32) Benzoic acid	10.22	122	43986	44.60	ng		90
33) 4-Chloroaniline	11.07	127	190650	43.66	ng	#	91
34) Hexachlorobutadiene	11.23	225	60368	36.47	ng		96
35) Caprolactam	11.86	113	55992	36.99	ng	#	53
36) 4-Chloro-3-methylphenol	12.19	107	145936	44.62	ng		85
37) 2-Methylnaphthalene	12.56	142	314968	40.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	134157	38.76	ng		97
40) Hexachlorocyclopentadiene	12.90	237	55883	34.78	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	98995	42.64	ng		99
43) 2,4,5-Trichlorophenol	13.24	196	106916	41.68	ng		96
45) 1,1'-Biphenyl	13.55	154	410574	40.58	ng		93
46) 2-Chloronaphthalene	13.61	162	314020	40.49	ng		97
47) 2-Nitroaniline	13.81	65	85454	46.21	ng	#	64
48) Acenaphthylene	14.45	152	534563	39.28	ng		97
49) Dimethylphthalate	14.17	163	433697	38.91	ng		99
50) 2,6-Dinitrotoluene	14.30	165	99983	41.26	ng	#	79
51) Acenaphthene	14.79	154	321577	39.44	ng		98
52) 3-Nitroaniline	14.64	138	106628	39.67	ng	#	81
53) 2,4-Dinitrophenol	14.85	184	28290	35.61	ng	#	77
54) Dibenzofuran	15.12	168	495160	38.92	ng		98
55) 4-Nitrophenol	14.96	139	69258	37.34	ng	#	74
56) 2,4-Dinitrotoluene	15.09	165	136101	41.87	ng	#	82
57) Fluorene	15.77	166	423748	38.66	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.35	232	91933	39.96	ng		95
59) Diethylphthalate	15.53	149	457657	38.43	ng		99
60) 4-Chlorophenyl-phenylether	15.75	204	191948	38.67	ng		96
61) 4-Nitroaniline	15.80	138	98298	34.48	ng	#	80
62) Azobenzene	16.05	77	385641	42.76	ng		89
64) 4,6-Dinitro-2-methylphenol	15.86	198	55251	38.63	ng		85
65) n-Nitrosodiphenylamine	15.97	169	364044	43.40	ng		98
66) 4-Bromophenyl-phenylether	16.65	248	114343	41.91	ng		95
67) Hexachlorobenzene	16.77	284	123945	38.98	ng		97
68) Atrazine	16.92	200	110020	35.44	ng		97
69) Pentachlorophenol	17.12	266	45905	35.92	ng		97
70) Phenanthrene	17.51	178	618202	39.09	ng		98
71) Anthracene	17.60	178	619933	39.53	ng		97
72) Carbazole	17.87	167	508762	34.25	ng		97
73) Di-n-butylphthalate	18.41	149	657269	33.85	ng		98
74) Fluoranthene	19.51	202	550547	30.28	ng		96
76) Benzidine	19.69	184	173822	33.83	ng		99
77) Pyrene	19.88	202	525033	42.98	ng		99
79) Butylbenzylphthalate	20.74	149	259277	45.77	ng		94
80) Benzo(a)anthracene	21.72	228	440971	40.02	ng		99
81) 3,3'-Dichlorobenzidine	21.63	252	131032	42.36	ng	#	97
82) Chrysene	21.79	228	416495	38.85	ng		99
83) Bis(2-ethylhexyl)phthalate	21.59	149	368750	44.26	ng		96
84) Di-n-octyl phthalate	22.81	149	616247	44.55	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.77	276	456426	37.95	ng		97
87) Benzo(b)fluoranthene	23.97	252	416768	39.90	ng	#	96
88) Benzo(k)fluoranthene	24.04	252	412195	40.08	ng	#	96
89) Benzo(a)pyrene	24.86	252	406618	40.71	ng	#	94
90) Dibenzo(a,h)anthracene	28.83	278	377757	40.16	ng	#	92
91) Benzo(g,h,i)perylene	29.94	276	381092	38.94	ng	#	94

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

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