Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
Data File : BG024010.D
Acq On : 17 Sep 2016 1:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 17 04:43:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:24:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55455	20.00	ng		-0.04
21) Naphthalene-d8	10.89	136	274474	20.00	ng		-0.04
38) Acenaphthene-d10	14.73	164	203921	20.00	ng		-0.03
63) Phenanthrene-d10	17.49	188	501951	20.00	ng		-0.03
75) Chrysene-d12	21.81	240	561944	20.00	ng		-0.04
86) Perylene-d12	25.15	264	575814	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	272592	86.30	ng		-0.04
7) Phenol-d6	7.23	99	415110	85.38	ng		-0.04
23) Nitrobenzene-d5	9.25	82	533354	86.75	ng		-0.04
41) 2,4,6-Tribromophenol	16.24	330	267472	72.80	ng		-0.03
44) 2-Fluorobiphenyl	13.35	172	1126712	79.22	ng		-0.03
78) Terphenyl-d14	20.10	244	1762115	71.41	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	56169	43.12	ng		98
3) Pyridine	3.87	79	175055	44.71	ng		98
4) n-Nitrosodimethylamine	3.79	42	100300	48.60	ng	#	83
6) Aniline	7.38	93	277298	42.97	ng	#	92
8) 2-Chlorophenol	7.63	128	152666	41.72	ng		95
9) Benzaldehyde	7.20	77	137481	39.79	ng		92
10) Phenol	7.26	94	217778	42.58	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	168282	41.82	ng		94
12) 1,3-Dichlorobenzene	7.95	146	172073	40.18	ng		97
13) 1,4-Dichlorobenzene	8.09	146	179494	39.56	ng		95
14) 1,2-Dichlorobenzene	8.42	146	171586	40.29	ng		93
15) Benzyl Alcohol	8.31	79	199228	46.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	222916	41.32	ng		91
17) 2-Methylphenol	8.52	107	146226	42.43	ng		97
18) Hexachloroethane	9.15	117	73903	42.30	ng		93
19) n-Nitroso-di-n-propylamine	8.88	70	189479	44.11	ng		96
20) 3+4-Methylphenols	8.85	107	204025	42.48	ng		97
22) Acetophenone	8.90	105	289023	40.67	ng	#	97
24) Nitrobenzene	9.29	77	283385	42.86	ng		97
25) Isophorone	9.81	82	506068	42.45	ng		98
26) 2-Nitrophenol	10.00	139	106518	42.38	ng		97
27) 2,4-Dimethylphenol	10.06	122	176308	41.28	ng		90
28) bis(2-Chloroethoxy)methane	10.29	93	249909	41.51	ng		98
29) 2,4-Dichlorophenol	10.55	162	189827	41.95	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	203663	41.03	ng		98
31) Naphthalene	10.94	128	548745	38.80	ng		98
32) Benzoic acid	10.26	122	142051	40.95	ng		91
33) 4-Chloroaniline	11.06	127	240819	40.78	ng		95
34) Hexachlorobutadiene	11.21	225	157467	42.24	ng		97
35) Caprolactam	11.87	113	64186	40.24	ng		94
36) 4-Chloro-3-methylphenol	12.20	107	256899	42.48	ng		99
37) 2-Methylnaphthalene	12.55	142	422938	39.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	286032	42.26	ng		99
40) Hexachlorocyclopentadiene	12.89	237	138609	38.06	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	191101	42.31 ng		98
43) 2,4,5-Trichlorophenol	13.25	196	189231	41.44 ng		93
45) 1,1'-Biphenyl	13.56	154	650821	39.68 ng		100
46) 2-Chloronaphthalene	13.61	162	477195	39.63 ng		97
47) 2-Nitroaniline	13.83	65	216742	45.70 ng		98
48) Acenaphthylene	14.46	152	788431	39.28 ng		100
49) Dimethylphthalate	14.19	163	678438	38.80 ng		99
50) 2,6-Dinitrotoluene	14.32	165	145815	39.50 ng		87
51) Acenaphthene	14.80	154	490872	39.56 ng		98
52) 3-Nitroaniline	14.66	138	144181	41.76 ng	#	88
53) 2,4-Dinitrophenol	14.87	184	74118	31.74 ng	#	88
54) Dibenzofuran	15.13	168	746965	38.57 ng		97
55) 4-Nitrophenol	14.99	139	98291	35.78 ng	#	79
56) 2,4-Dinitrotoluene	15.11	165	211935	39.06 ng	#	86
57) Fluorene	15.78	166	646545	38.49 ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	176473	38.08 ng		95
59) Diethylphthalate	15.54	149	696789	37.33 ng		99
60) 4-Chlorophenyl-phenylether	15.77	204	353917	39.15 ng		95
61) 4-Nitroaniline	15.83	138	129062	36.98 ng		94
62) Azobenzene	16.07	77	736155	40.72 ng		96
64) 4,6-Dinitro-2-methylphenol	15.88	198	134529	38.60 ng		93
65) n-Nitrosodiphenylamine	15.99	169	583549	40.93 ng		96
66) 4-Bromophenyl-phenylether	16.67	248	249984	40.93 ng		99
67) Hexachlorobenzene	16.80	284	279031	38.96 ng		100
68) Atrazine	16.95	200	236132	38.50 ng		99
69) Pentachlorophenol	17.15	266	136433	35.87 ng		94
70) Phenanthrene	17.54	178	1015328	38.88 ng		99
71) Anthracene	17.63	178	1031617	38.73 ng		97
72) Carbazole	17.91	167	903583	37.38 ng		98
73) Di-n-butylphthalate	18.45	149	1082206	37.53 ng		97
74) Fluoranthene	19.56	202	1197869	38.10 ng		94
76) Benzidine	19.74	184	594849	34.18 ng		98
77) Pyrene	19.92	202	1217393	35.22 ng		95
79) Butylbenzylphthalate	20.79	149	543567	40.80 ng		98
80) Benzo(a)anthracene	21.78	228	1285059	40.85 ng		96
81) 3,3'-Dichlorobenzidine	21.69	252	517875	41.19 ng	#	98
82) Chrysene	21.85	228	1222935	40.84 ng		98
83) Bis(2-ethylhexyl)phthalate	21.65	149	758241	41.57 ng		95
84) Di-n-octyl phthalate	22.90	149	1308869	43.75 ng		99
85) Indeno(1,2,3-cd)pyrene	28.99	276	1563297	47.16 ng	#	100
87) Benzo(b)fluoranthene	24.08	252	1348567	41.23 ng		99
88) Benzo(k)fluoranthene	24.15	252	1328096	40.95 ng	#	97
89) Benzo(a)pyrene	24.99	252	1305381	42.03 ng	#	99
90) Dibenzo(a,h)anthracene	29.04	278	1276275	41.78 ng	#	98
91) Benzo(g,h,i)perylene	30.18	276	1277968	43.50 ng		95

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

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