Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
Data File : BG024126.D
Acq On : 24 Sep 2016 16:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 26 00:51:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	57982	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	293282	20.00	ng		0.00
38) Acenaphthene-d10	14.71	164	241536	20.00	ng		0.00
63) Phenanthrene-d10	17.48	188	497273	20.00	ng		0.00
75) Chrysene-d12	21.79	240	522892	20.00	ng		0.00
86) Perylene-d12	25.12	264	526665	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	293861	87.80	ng		0.00
7) Phenol-d6	7.21	99	471532	83.73	ng		0.00
23) Nitrobenzene-d5	9.22	82	584118	78.50	ng		0.00
41) 2,4,6-Tribromophenol	16.22	330	242771	69.93	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	1148398	79.92	ng		0.00
78) Terphenyl-d14	20.09	244	1683087	65.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	61981	48.39	ng		97
3) Pyridine	3.85	79	206621	45.64	ng		97
4) n-Nitrosodimethylamine	3.76	42	91948	40.07	ng	#	94
6) Aniline	7.36	93	316694	40.04	ng		97
8) 2-Chlorophenol	7.60	128	168139	41.97	ng		97
9) Benzaldehyde	7.17	77	131250	42.80	ng		90
10) Phenol	7.24	94	246674	41.67	ng		92
11) bis(2-Chloroethyl)ether	7.45	93	187532	40.17	ng		92
12) 1,3-Dichlorobenzene	7.92	146	188402	42.17	ng		98
13) 1,4-Dichlorobenzene	8.07	146	187825	41.19	ng		99
14) 1,2-Dichlorobenzene	8.39	146	183182	41.28	ng		94
15) Benzyl Alcohol	8.29	79	208931	38.34	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	270939	42.03	ng		94
17) 2-Methylphenol	8.50	107	169555	43.08	ng		92
18) Hexachloroethane	9.12	117	79552	41.41	ng		90
19) n-Nitroso-di-n-propylamine	8.85	70	214613	38.80	ng		96
20) 3+4-Methylphenols	8.83	107	235706	41.23	ng		98
22) Acetophenone	8.87	105	329948	39.00	ng	#	96
24) Nitrobenzene	9.27	77	313659	39.32	ng		94
25) Isophorone	9.78	82	581912	38.34	ng		98
26) 2-Nitrophenol	9.98	139	115615	40.86	ng		97
27) 2,4-Dimethylphenol	10.04	122	193794	40.96	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	294781	39.94	ng		98
29) 2,4-Dichlorophenol	10.53	162	203605	41.35	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	207077	39.29	ng		95
31) Naphthalene	10.92	128	598452	40.28	ng		98
32) Benzoic acid	10.24	122	142485	39.51	ng		97
33) 4-Chloroaniline	11.04	127	269556	40.65	ng		97
34) Hexachlorobutadiene	11.19	225	152877	36.85	ng		96
35) Caprolactam	11.84	113	72206	36.05	ng	#	80
36) 4-Chloro-3-methylphenol	12.18	107	276215	39.87	ng		98
37) 2-Methylnaphthalene	12.53	142	450934	39.64	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	280659	39.80	ng		99
40) Hexachlorocyclopentadiene	12.87	237	107777	39.53	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	186595	40.91	ng		98
43) 2,4,5-Trichlorophenol	13.24	196	189263	40.33	ng	#	92
45) 1,1'-Biphenyl	13.54	154	681503	41.26	ng		99
46) 2-Chloronaphthalene	13.59	162	499235	40.48	ng		98
47) 2-Nitroaniline	13.81	65	226235	39.42	ng		97
48) Acenaphthylene	14.44	152	841591	40.20	ng		98
49) Dimethylphthalate	14.17	163	714115	38.54	ng		99
50) 2,6-Dinitrotoluene	14.30	165	153662	39.48	ng		99
51) Acenaphthene	14.78	154	502643	39.59	ng		97
52) 3-Nitroaniline	14.64	138	155426	39.98	ng		88
53) 2,4-Dinitrophenol	14.87	184	82210	35.93	ng		95
54) Dibenzofuran	15.12	168	779032	39.41	ng		98
55) 4-Nitrophenol	14.98	139	95304	34.16	ng		91
56) 2,4-Dinitrotoluene	15.10	165	225900	38.14	ng	#	89
57) Fluorene	15.77	166	663620	38.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	168656	37.22	ng		92
59) Diethylphthalate	15.53	149	732960	36.73	ng		98
60) 4-Chlorophenyl-phenylether	15.75	204	343081	37.21	ng		95
61) 4-Nitroaniline	15.82	138	146206	36.31	ng		93
62) Azobenzene	16.05	77	767673	37.86	ng		93
64) 4,6-Dinitro-2-methylphenol	15.87	198	137473	39.81	ng		87
65) n-Nitrosodiphenylamine	15.98	169	609648	44.82	ng		97
66) 4-Bromophenyl-phenylether	16.66	248	236660	41.03	ng		98
67) Hexachlorobenzene	16.78	284	262225	40.35	ng		95
68) Atrazine	16.93	200	239246	39.84	ng		96
69) Pentachlorophenol	17.14	266	114103	35.93	ng		96
70) Phenanthrene	17.53	178	1055555	41.67	ng		98
71) Anthracene	17.61	178	1063927	40.89	ng		97
72) Carbazole	17.90	167	961200	39.69	ng		98
73) Di-n-butylphthalate	18.43	149	1192296	37.61	ng		97
74) Fluoranthene	19.54	202	1213510	36.70	ng		95
76) Benzidine	19.72	184	563365	38.06	ng		100
77) Pyrene	19.91	202	1232467	33.76	ng		95
79) Butylbenzylphthalate	20.78	149	538452	40.05	ng		99
80) Benzo(a)anthracene	21.77	228	1211284	40.69	ng		95
81) 3,3'-Dichlorobenzidine	21.68	252	474028	44.43	ng	#	98
82) Chrysene	21.84	228	1150612	41.12	ng		99
83) Bis(2-ethylhexyl)phthalate	21.64	149	768657	47.85	ng	#	95
84) Di-n-octyl phthalate	22.88	149	1337990	48.27	ng		99
85) Indeno(1,2,3-cd)pyrene	28.95	276	1445241	46.32	ng	#	100
87) Benzo(b)fluoranthene	24.06	252	1223925	39.94	ng	#	99
88) Benzo(k)fluoranthene	24.13	252	1210724	39.79	ng	#	97
89) Benzo(a)pyrene	24.97	252	1185447	40.02	ng	#	96
90) Dibenzo(a,h)anthracene	29.00	278	1163762	39.35	ng	#	95
91) Benzo(g,h,i)perylene	30.15	276	1172640	39.35	ng	#	95

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

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