Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
Data File : BG022468.D
Acq On : 21 Jun 2016 15:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 22 13:50:12 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:27:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	20878	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	117662	20.00	ng		0.00
38) Acenaphthene-d10	14.63	164	73911	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	160510	20.00	ng		0.00
75) Chrysene-d12	21.64	240	141663	20.00	ng		0.00
86) Perylene-d12	24.84	264	123188	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	93148	86.26	ng		0.00
7) Phenol-d6	7.17	99	152458	89.80	ng		0.00
23) Nitrobenzene-d5	9.16	82	146726	86.94	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	49724	59.54	ng		0.00
44) 2-Fluorobiphenyl	13.25	172	389315	80.27	ng		0.00
78) Terphenyl-d14	19.98	244	501695	84.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	21979	42.45	ng	#	84
3) Pyridine	3.75	79	62097	44.38	ng		96
4) n-Nitrosodimethylamine	3.67	42	14569	46.57	ng		97
6) Aniline	7.31	93	98239m	45.55	ng		
8) 2-Chlorophenol	7.55	128	62403	41.81	ng	#	80
9) Benzaldehyde	7.12	77	33342	35.68	ng	#	73
10) Phenol	7.20	94	76153	43.51	ng		83
11) bis(2-Chloroethyl)ether	7.40	93	65031	46.60	ng	#	71
12) 1,3-Dichlorobenzene	7.87	146	62353	38.97	ng	#	90
13) 1,4-Dichlorobenzene	8.02	146	64204	40.28	ng		94
14) 1,2-Dichlorobenzene	8.34	146	64463	40.12	ng		93
15) Benzyl Alcohol	8.24	79	53148	48.45	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.52	45	70544	48.72	ng		81
17) 2-Methylphenol	8.45	107	59606	45.63	ng	#	85
18) Hexachloroethane	9.06	117	24671	42.39	ng	#	80
19) n-Nitroso-di-n-propylamine	8.79	70	55804	48.56	ng	#	71
20) 3+4-Methylphenols	8.79	107	84212	44.95	ng		98
22) Acetophenone	8.82	105	106488	42.00	ng	#	81
24) Nitrobenzene	9.21	77	74555	43.93	ng	#	81
25) Isophorone	9.72	82	172396	43.66	ng	#	95
26) 2-Nitrophenol	9.92	139	39598	43.03	ng	#	76
27) 2,4-Dimethylphenol	9.99	122	71527	42.94	ng		90
28) bis(2-Chloroethoxy)methane	10.20	93	100728	44.53	ng		92
29) 2,4-Dichlorophenol	10.47	162	62890	40.75	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	63731	36.96	ng		96
31) Naphthalene	10.85	128	233018	39.68	ng		96
32) Benzoic acid	10.15	122	24434	44.40	ng	#	83
33) 4-Chloroaniline	10.98	127	98731	40.43	ng	#	90
34) Hexachlorobutadiene	11.13	225	32025	34.60	ng		97
35) Caprolactam	11.76	113	32643	38.56	ng	#	46
36) 4-Chloro-3-methylphenol	12.12	107	78816	43.09	ng	#	82
37) 2-Methylnaphthalene	12.46	142	172750	39.84	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	68595	36.05	ng		95
40) Hexachlorocyclopentadiene	12.80	237	16232	20.80	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	48251	37.80	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	51186	36.30	ng		96
45) 1,1'-Biphenyl	13.47	154	227140	40.83	ng		94
46) 2-Chloronaphthalene	13.51	162	170873	40.07	ng		98
47) 2-Nitroaniline	13.73	65	44200	43.47	ng	#	56
48) Acenaphthylene	14.36	152	299837	40.08	ng		98
49) Dimethylphthalate	14.08	163	236506	38.59	ng		99
50) 2,6-Dinitrotoluene	14.22	165	52317	39.27	ng	#	81
51) Acenaphthene	14.70	154	178341	39.79	ng		94
52) 3-Nitroaniline	14.56	138	56062	37.94	ng	#	78
53) 2,4-Dinitrophenol	14.79	184	19104	41.24	ng	#	76
54) Dibenzofuran	15.03	168	277203	39.63	ng		97
55) 4-Nitrophenol	14.92	139	39355	38.59	ng	#	73
56) 2,4-Dinitrotoluene	15.02	165	72237	40.42	ng	#	91
57) Fluorene	15.68	166	234755	38.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	39312	31.08	ng	#	87
59) Diethylphthalate	15.44	149	256521	39.19	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	101072	37.04	ng		97
61) 4-Nitroaniline	15.73	138	50810	32.42	ng	#	78
62) Azobenzene	15.96	77	215553	43.48	ng		89
64) 4,6-Dinitro-2-methylphenol	15.78	198	29704	37.81	ng		84
65) n-Nitrosodiphenylamine	15.89	169	196785	42.56	ng		97
66) 4-Bromophenyl-phenylether	16.56	248	57629	38.32	ng		97
67) Hexachlorobenzene	16.69	284	60455	34.49	ng		94
68) Atrazine	16.83	200	63092	36.86	ng		98
69) Pentachlorophenol	17.04	266	26434	37.22	ng		99
70) Phenanthrene	17.43	178	354237	40.63	ng		98
71) Anthracene	17.51	178	359751	41.61	ng		98
72) Carbazole	17.80	167	328916	40.17	ng		97
73) Di-n-butylphthalate	18.32	149	456884	42.68	ng		98
74) Fluoranthene	19.43	202	389218	38.84	ng		95
76) Benzidine	19.62	184	131263	35.43	ng		97
77) Pyrene	19.79	202	386801	43.92	ng		100
79) Butylbenzylphthalate	20.66	149	206019	50.44	ng	#	91
80) Benzo(a)anthracene	21.62	228	328835	41.40	ng		100
81) 3,3'-Dichlorobenzidine	21.54	252	85061	38.14	ng	#	93
82) Chrysene	21.69	228	309848	40.08	ng		100
83) Bis(2-ethylhexyl)phthalate	21.50	149	292910	48.77	ng	#	96
84) Di-n-octyl phthalate	22.69	149	481959	48.33	ng	#	87
85) Indeno(1,2,3-cd)pyrene	28.52	276	317579	36.62	ng	#	78
87) Benzo(b)fluoranthene	23.82	252	295625	41.15	ng	#	94
88) Benzo(k)fluoranthene	23.89	252	296230	41.88	ng	#	93
89) Benzo(a)pyrene	24.69	252	287927	41.91	ng	#	92
90) Dibenzo(a,h)anthracene	28.56	278	254017	39.26	ng	#	87
91) Benzo(g,h,i)perylene	29.65	276	257957	38.32	ng	#	88

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

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