Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022287.D
Acq On : 10 Jun 2016 14:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
6/13/2016 7:06:53 PM

Quant Time: Jun 10 23:04:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 06 16:12:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	36930	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	186738	20.00	ng		-0.01
38) Acenaphthene-d10	14.74	164	106602	20.00	ng		-0.01
63) Phenanthrene-d10	17.48	188	233323	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	199451	20.00	ng		0.00
86) Perylene-d12	25.06	264	181855	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	174975	91.61	ng		-0.01
7) Phenol-d6	7.27	99	264078	87.93	ng		0.00
23) Nitrobenzene-d5	9.28	82	251784	94.00	ng		-0.01
41) 2,4,6-Tribromophenol	16.23	330	86597	71.89	ng		0.00
44) 2-Fluorobiphenyl	13.36	172	589586	84.29	ng		0.00
78) Terphenyl-d14	20.08	244	740662	88.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	38113	41.61	ng	#	75
3) Pyridine	3.92	79	108798	43.96	ng		95
4) n-Nitrosodimethylamine	3.83	42	29144	52.66	ng	#	95
6) Aniline	7.43	93	170269	44.63	ng	#	84
8) 2-Chlorophenol	7.67	128	111868	42.37	ng		82
9) Benzaldehyde	7.24	77	72067	43.60	ng	#	82
10) Phenol	7.29	94	138302	44.67	ng		85
11) bis(2-Chloroethyl)ether	7.52	93	110330	44.69	ng	#	75
12) 1,3-Dichlorobenzene	7.99	146	112783m	39.85	ng		
13) 1,4-Dichlorobenzene	8.14	146	116999	41.50	ng		95
14) 1,2-Dichlorobenzene	8.46	146	113302	39.86	ng		97
15) Benzyl Alcohol	8.35	79	88803	45.77	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	123873	48.36	ng		84
17) 2-Methylphenol	8.56	107	99574	43.10	ng	#	86
18) Hexachloroethane	9.19	117	44717	43.43	ng	#	79
19) n-Nitroso-di-n-propylamine	8.91	70	90484	44.51	ng	#	71
20) 3+4-Methylphenols	8.89	107	135464	40.87	ng		97
22) Acetophenone	8.93	105	174825	43.44	ng	#	84
24) Nitrobenzene	9.32	77	124766	46.32	ng	#	89
25) Isophorone	9.84	82	260468	41.56	ng		96
26) 2-Nitrophenol	10.04	139	65686	44.97	ng	#	81
27) 2,4-Dimethylphenol	10.09	122	114263	43.22	ng		90
28) bis(2-Chloroethoxy)methane	10.32	93	155292	43.25	ng		92
29) 2,4-Dichlorophenol	10.58	162	102723	41.94	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	108061	39.49	ng		98
31) Naphthalene	10.98	128	374277	40.15	ng	#	94
32) Benzoic acid	10.24	122	55150	56.09	ng	#	84
33) 4-Chloroaniline	11.09	127	158185	40.81	ng	#	92
34) Hexachlorobutadiene	11.25	225	57385	39.06	ng		97
35) Caprolactam	11.88	113	46728	34.78	ng	#	53
36) 4-Chloro-3-methylphenol	12.21	107	121231	41.76	ng		89
37) 2-Methylnaphthalene	12.58	142	271001	39.38	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	114027	41.55	ng		98
40) Hexachlorocyclopentadiene	12.91	237	47915	37.19	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	79814	43.36	ng		97
43) 2,4,5-Trichlorophenol	13.26	196	85510	42.04	ng		95
45) 1,1'-Biphenyl	13.58	154	345872	43.11	ng		94
46) 2-Chloronaphthalene	13.62	162	259887	42.26	ng		97
47) 2-Nitroaniline	13.83	65	69679	47.52	ng	#	65
48) Acenaphthylene	14.46	152	437584	40.55	ng		97
49) Dimethylphthalate	14.19	163	339691	38.43	ng		99
50) 2,6-Dinitrotoluene	14.32	165	78467	40.84	ng	#	82
51) Acenaphthene	14.80	154	260608	40.31	ng		97
52) 3-Nitroaniline	14.66	138	81624	38.30	ng	#	79
53) 2,4-Dinitrophenol	14.87	184	34808	49.23	ng	#	84
54) Dibenzofuran	15.14	168	394968	39.15	ng		100
55) 4-Nitrophenol	14.97	139	59452	40.42	ng	#	79
56) 2,4-Dinitrotoluene	15.11	165	105726	41.02	ng	#	86
57) Fluorene	15.78	166	337609	38.85	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.37	232	68406	37.50	ng	#	91
59) Diethylphthalate	15.54	149	363622	38.51	ng		97
60) 4-Chlorophenyl-phenylether	15.77	204	151679	38.54	ng		98
61) 4-Nitroaniline	15.82	138	87740	38.82	ng		84
62) Azobenzene	16.07	77	317828	44.45	ng		90
64) 4,6-Dinitro-2-methylphenol	15.87	198	54817	46.53	ng		87
65) n-Nitrosodiphenylamine	15.99	169	287033	42.70	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	90504	41.40	ng		98
67) Hexachlorobenzene	16.79	284	97277	38.18	ng		98
68) Atrazine	16.93	200	98217	39.48	ng		97
69) Pentachlorophenol	17.14	266	41191	39.41	ng		96
70) Phenanthrene	17.53	178	511759	40.38	ng		98
71) Anthracene	17.62	178	511019	40.66	ng		98
72) Carbazole	17.89	167	477535	40.12	ng		97
73) Di-n-butylphthalate	18.42	149	636992	40.93	ng		99
74) Fluoranthene	19.53	202	557706	38.28	ng		96
76) Benzidine	19.71	184	274447	52.62	ng		99
77) Pyrene	19.89	202	555696	44.82	ng		98
79) Butylbenzylphthalate	20.76	149	270606	47.06	ng		97
80) Benzo(a)anthracene	21.74	228	460278	41.15	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	136727	43.55	ng		99
82) Chrysene	21.81	228	431886	39.68	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	385373	45.57	ng		96
84) Di-n-octyl phthalate	22.84	149	649044	46.23	ng	#	88
85) Indeno(1,2,3-cd)pyrene	28.85	276	473196	38.76	ng		99
87) Benzo(b)fluoranthene	24.01	252	443798	41.84	ng	#	96
88) Benzo(k)fluoranthene	24.07	252	426621	40.86	ng	#	96
89) Benzo(a)pyrene	24.90	252	419192	41.34	ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	389429	40.77	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	392780	39.53	ng	#	93

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

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