Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
Data File : BG022189.D
Acq On : 7 Jun 2016 4:34
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 07 05:58:32 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	8.12	152	32718	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	160710	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	94108	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	220035	20.00	ng		0.00
75) Chrysene-d12	21.77	240	216106	20.00	ng		0.00
86) Perylene-d12	25.06	264	208084	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	148569	87.80	ng		0.00
7) Phenol-d6	7.28	99	217800	81.86	ng		0.00
23) Nitrobenzene-d5	9.29	82	192468	83.49	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	84742	79.69	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	518059	83.89	ng		0.00
78) Terphenyl-d14	20.08	244	735726	80.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	36436	44.91	ng		96
3) Pyridine	3.93	79	89966	41.03	ng		99
4) n-Nitrosodimethylamine	3.84	42	21911	44.69	ng		99
6) Aniline	7.44	93	136175	40.29	ng	#	82
8) 2-Chlorophenol	7.68	128	95856	40.98	ng	#	78
9) Benzaldehyde	7.26	77	59909	40.91	ng	#	69
10) Phenol	7.30	94	111702	40.72	ng		84
11) bis(2-Chloroethyl)ether	7.53	93	88174	40.32	ng	#	73
12) 1,3-Dichlorobenzene	8.01	146	100796	40.20	ng	#	89
13) 1,4-Dichlorobenzene	8.16	146	103419	41.40	ng		93
14) 1,2-Dichlorobenzene	8.48	146	101029	40.12	ng		94
15) Benzyl Alcohol	8.36	79	64799	37.70	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.65	45	87019	38.35	ng		81
17) 2-Methylphenol	8.57	107	78295	38.25	ng	#	81
18) Hexachloroethane	9.21	117	36287	39.78	ng	#	73
19) n-Nitroso-di-n-propylamine	8.92	70	67378	37.41	ng	#	68
20) 3+4-Methylphenols	8.90	107	109002	37.12	ng		95
22) Acetophenone	8.95	105	142445	41.13	ng	#	80
24) Nitrobenzene	9.33	77	95076	41.02	ng	#	84
25) Isophorone	9.85	82	202125	37.48	ng	#	93
26) 2-Nitrophenol	10.05	139	51534	41.00	ng	#	73
27) 2,4-Dimethylphenol	10.10	122	91629	40.27	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	120740	39.08	ng		95
29) 2,4-Dichlorophenol	10.59	162	90480	42.93	ng		91
30) 1,2,4-Trichlorobenzene	10.80	180	95467	40.54	ng		96
31) Naphthalene	10.99	128	315618	39.34	ng	#	95
32) Benzoic acid	10.24	122	23732	35.44	ng	#	86
33) 4-Chloroaniline	11.10	127	132094	39.60	ng	#	89
34) Hexachlorobutadiene	11.26	225	50922	40.28	ng		99
35) Caprolactam	11.87	113	41060	35.51	ng	#	47
36) 4-Chloro-3-methylphenol	12.22	107	98752	39.53	ng		87
37) 2-Methylnaphthalene	12.59	142	229170	38.70	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	103415	42.69	ng		99
40) Hexachlorocyclopentadiene	12.92	237	47406	41.06	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	69105	42.52	ng		91
43) 2,4,5-Trichlorophenol	13.27	196	73596	40.99	ng		95
45) 1,1'-Biphenyl	13.58	154	297468	42.00	ng		96
46) 2-Chloronaphthalene	13.63	162	228824	42.15	ng		97
47) 2-Nitroaniline	13.84	65	51181	39.54	ng	#	50
48) Acenaphthylene	14.47	152	384523	40.37	ng		97
49) Dimethylphthalate	14.20	163	302186	38.73	ng		99
50) 2,6-Dinitrotoluene	14.32	165	68864	40.60	ng	#	75
51) Acenaphthene	14.81	154	229886	40.28	ng		97
52) 3-Nitroaniline	14.66	138	73301	38.96	ng	#	78
53) 2,4-Dinitrophenol	14.87	184	22865	39.43	ng	#	69
54) Dibenzofuran	15.15	168	359927	40.41	ng		98
55) 4-Nitrophenol	14.98	139	52257	40.25	ng	#	66
56) 2,4-Dinitrotoluene	15.11	165	95677	42.05	ng	#	80
57) Fluorene	15.79	166	305166	39.77	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	61891	38.43	ng		94
59) Diethylphthalate	15.55	149	323697	38.84	ng		99
60) 4-Chlorophenyl-phenylether	15.78	204	138587	39.89	ng		93
61) 4-Nitroaniline	15.82	138	79527	39.86	ng	#	76
62) Azobenzene	16.07	77	253795	40.21	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	42768	39.44	ng	#	81
65) n-Nitrosodiphenylamine	15.99	169	261917	41.32	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	84700	41.08	ng		94
67) Hexachlorobenzene	16.80	284	94217	39.21	ng		97
68) Atrazine	16.93	200	95130	40.54	ng		97
69) Pentachlorophenol	17.15	266	38235	38.90	ng		92
70) Phenanthrene	17.53	178	478021	40.00	ng		99
71) Anthracene	17.63	178	480628	40.55	ng		98
72) Carbazole	17.90	167	448861	39.99	ng		98
73) Di-n-butylphthalate	18.43	149	591487	40.30	ng		99
74) Fluoranthene	19.54	202	546954	39.81	ng		96
76) Benzidine	19.72	184	245857	43.51	ng		97
77) Pyrene	19.90	202	547126	40.72	ng		100
79) Butylbenzylphthalate	20.76	149	252719	40.56	ng		89
80) Benzo(a)anthracene	21.75	228	485759	40.09	ng		100
81) 3,3'-Dichlorobenzidine	21.66	252	135535	39.84	ng		98
82) Chrysene	21.82	228	475790	40.35	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	374891	40.92	ng		98
84) Di-n-octyl phthalate	22.86	149	626417	41.18	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.84	276	531594	40.18	ng	#	87
87) Benzo(b)fluoranthene	24.01	252	496613	40.92	ng	#	97
88) Benzo(k)fluoranthene	24.08	252	472515	39.55	ng	#	97
89) Benzo(a)pyrene	24.91	252	463687	39.96	ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	433973	39.71	ng	#	94
91) Benzo(g,h,i)perylene	30.02	276	448871	39.48	ng		94

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

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