Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022226.D
Acq On : 8 Jun 2016 7:23
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 08 07:59:43 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	32110	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	175062	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	107240	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	241582	20.00	ng		0.00
75) Chrysene-d12	21.77	240	226195	20.00	ng		0.00
86) Perylene-d12	25.06	264	217402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	142504	85.81	ng		0.00
7) Phenol-d6	7.27	99	226346	86.68	ng		0.00
23) Nitrobenzene-d5	9.29	82	209701	83.51	ng		0.00
41) 2,4,6-Tribromophenol	16.23	330	92215	76.10	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	576285	81.89	ng		0.00
78) Terphenyl-d14	20.08	244	774473	81.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	30880	38.78	ng	#	85
3) Pyridine	3.92	79	87289	40.56	ng		99
4) n-Nitrosodimethylamine	3.84	42	21209	44.08	ng	#	95
6) Aniline	7.44	93	143270	43.19	ng	#	83
8) 2-Chlorophenol	7.68	128	94939	41.36	ng	#	79
9) Benzaldehyde	7.26	77	60196	41.88	ng	#	80
10) Phenol	7.30	94	119404	44.35	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	89129	41.52	ng	#	72
12) 1,3-Dichlorobenzene	8.00	146	98614	40.08	ng	#	90
13) 1,4-Dichlorobenzene	8.15	146	98609	40.22	ng		92
14) 1,2-Dichlorobenzene	8.47	146	100697	40.75	ng		95
15) Benzyl Alcohol	8.36	79	69877	41.42	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.65	45	91796	41.22	ng		81
17) 2-Methylphenol	8.56	107	86438	43.03	ng	#	85
18) Hexachloroethane	9.20	117	36646	40.94	ng	#	69
19) n-Nitroso-di-n-propylamine	8.92	70	74123	41.93	ng	#	70
20) 3+4-Methylphenols	8.89	107	119278	41.39	ng		97
22) Acetophenone	8.94	105	154405	40.93	ng	#	80
24) Nitrobenzene	9.33	77	106537	42.19	ng	#	83
25) Isophorone	9.85	82	226141	38.49	ng		94
26) 2-Nitrophenol	10.05	139	53521	39.09	ng	#	74
27) 2,4-Dimethylphenol	10.10	122	100741	40.65	ng		88
28) bis(2-Chloroethoxy)methane	10.33	93	133224	39.58	ng		94
29) 2,4-Dichlorophenol	10.59	162	96293	41.94	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	100903	39.33	ng		94
31) Naphthalene	10.99	128	342418	39.19	ng	#	95
32) Benzoic acid	10.24	122	30013	39.10	ng	#	84
33) 4-Chloroaniline	11.09	127	144660	39.81	ng	#	88
34) Hexachlorobutadiene	11.26	225	53307	38.71	ng		96
35) Caprolactam	11.87	113	43599	34.62	ng	#	45
36) 4-Chloro-3-methylphenol	12.22	107	112702	41.41	ng	#	86
37) 2-Methylnaphthalene	12.59	142	255767	39.65	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	113239	41.02	ng		99
40) Hexachlorocyclopentadiene	12.92	237	49205	37.86	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	77276	41.73	ng		97
43) 2,4,5-Trichlorophenol	13.27	196	83704	40.91	ng		95
45) 1,1'-Biphenyl	13.58	154	334690	41.47	ng		96
46) 2-Chloronaphthalene	13.63	162	254183	41.09	ng		96
47) 2-Nitroaniline	13.84	65	57775	39.17	ng	#	47
48) Acenaphthylene	14.47	152	436277	40.19	ng		98
49) Dimethylphthalate	14.20	163	337933	38.01	ng		100
50) 2,6-Dinitrotoluene	14.32	165	78019	40.36	ng	#	75
51) Acenaphthene	14.81	154	260387	40.04	ng		97
52) 3-Nitroaniline	14.66	138	83985	39.17	ng	#	80
53) 2,4-Dinitrophenol	14.87	184	25270	38.57	ng	#	71
54) Dibenzofuran	15.14	168	401902	39.60	ng		98
55) 4-Nitrophenol	14.98	139	56316	38.06	ng	#	67
56) 2,4-Dinitrotoluene	15.11	165	104182	40.18	ng	#	82
57) Fluorene	15.79	166	346650	39.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	71894	39.18	ng		96
59) Diethylphthalate	15.55	149	356632	37.55	ng		100
60) 4-Chlorophenyl-phenylether	15.78	204	158833	40.12	ng		91
61) 4-Nitroaniline	15.82	138	86381	37.99	ng	#	78
62) Azobenzene	16.07	77	295546	41.09	ng		86
64) 4,6-Dinitro-2-methylphenol	15.88	198	44374	37.57	ng		83
65) n-Nitrosodiphenylamine	15.99	169	293760	42.21	ng		100
66) 4-Bromophenyl-phenylether	16.67	248	93454	41.28	ng		96
67) Hexachlorobenzene	16.80	284	105449	39.97	ng		95
68) Atrazine	16.93	200	98733	38.33	ng		97
69) Pentachlorophenol	17.14	266	43752	40.26	ng		99
70) Phenanthrene	17.53	178	533537	40.66	ng		99
71) Anthracene	17.63	178	533436	40.99	ng		99
72) Carbazole	17.90	167	483873	39.26	ng		99
73) Di-n-butylphthalate	18.43	149	620824	38.53	ng		98
74) Fluoranthene	19.54	202	579726	38.43	ng		97
76) Benzidine	19.72	184	221419	37.43	ng		97
77) Pyrene	19.89	202	579975	41.24	ng		100
79) Butylbenzylphthalate	20.76	149	261579	40.11	ng		91
80) Benzo(a)anthracene	21.75	228	518983	40.92	ng		99
81) 3,3'-Dichlorobenzidine	21.66	252	143915	40.42	ng		98
82) Chrysene	21.82	228	501375	40.62	ng		99
83) Bis(2-ethylhexyl)phthalate	21.62	149	387864	40.44	ng		98
84) Di-n-octyl phthalate	22.85	149	657099	41.27	ng	#	86
85) Indeno(1,2,3-cd)pyrene	28.83	276	587209	42.41	ng	#	67
87) Benzo(b)fluoranthene	24.01	252	513058	40.46	ng	#	96
88) Benzo(k)fluoranthene	24.08	252	523411	41.93	ng	#	98
89) Benzo(a)pyrene	24.91	252	503716	41.55	ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	481233	42.15	ng	#	93
91) Benzo(g,h,i)perylene	30.03	276	498316	41.95	ng	#	94

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

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