Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021132.D
Acq On : 28 Feb 2016 2:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 29 00:25:36 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	8873	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	46635	20.00	ng		-0.01
38) Acenaphthene-d10	14.77	164	29955	20.00	ng		0.00
63) Phenanthrene-d10	17.51	188	73363	20.00	ng		-0.01
75) Chrysene-d12	21.77	240	77725	20.00	ng		-0.02
86) Perylene-d12	25.06	264	71839	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	43376	85.59	ng		0.00
7) Phenol-d6	7.31	99	73358	97.27	ng		-0.01
23) Nitrobenzene-d5	9.33	82	87504	89.40	ng		-0.01
41) 2,4,6-Tribromophenol	16.25	330	26365	67.13	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	172278	73.60	ng		0.00
78) Terphenyl-d14	20.10	244	272423	81.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	9590	40.86	ng		96
3) Pyridine	4.01	79	30017	43.73	ng		94
4) n-Nitrosodimethylamine	3.92	42	14311	41.12	ng		97
6) Aniline	7.49	93	46664	50.02	ng	#	89
8) 2-Chlorophenol	7.73	128	27653	43.75	ng		86
9) Benzaldehyde	7.30	77	20238	49.54	ng		84
10) Phenol	7.34	94	38477	49.80	ng		75
11) bis(2-Chloroethyl)ether	7.58	93	28752	48.55	ng		96
12) 1,3-Dichlorobenzene	8.05	146	27718	41.20	ng	#	90
13) 1,4-Dichlorobenzene	8.21	146	28030	39.00	ng		96
14) 1,2-Dichlorobenzene	8.52	146	27459	40.35	ng		97
15) Benzyl Alcohol	8.40	79	33463	50.80	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.69	45	46763	68.87	ng		97
17) 2-Methylphenol	8.59	107	26880	49.29	ng	#	88
18) Hexachloroethane	9.26	117	11278	41.48	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	32275	55.48	ng		94
20) 3+4-Methylphenols	8.92	107	38091	50.38	ng		94
22) Acetophenone	8.99	105	53925	41.89	ng	#	95
24) Nitrobenzene	9.37	77	47374	46.85	ng	#	88
25) Isophorone	9.90	82	89813	48.96	ng		97
26) 2-Nitrophenol	10.09	139	17283	40.43	ng	#	68
27) 2,4-Dimethylphenol	10.13	122	31737	42.09	ng		84
28) bis(2-Chloroethoxy)methane	10.37	93	42320	47.34	ng		96
29) 2,4-Dichlorophenol	10.61	162	28270	38.30	ng		98
30) 1,2,4-Trichlorobenzene	10.84	180	28696	34.30	ng		97
31) Naphthalene	11.03	128	97663	40.77	ng		98
32) Benzoic acid	10.27	122	31102	44.91	ng		90
33) 4-Chloroaniline	11.13	127	43944	43.92	ng	#	91
34) Hexachlorobutadiene	11.31	225	18198	32.51	ng		97
35) Caprolactam	11.91	113	12771	51.20	ng	#	80
36) 4-Chloro-3-methylphenol	12.23	107	41572	45.94	ng		87
37) 2-Methylnaphthalene	12.62	142	68115	40.49	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	39031	35.26	ng		98
40) Hexachlorocyclopentadiene	12.96	237	22852	31.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	27106	39.05	ng		98
43) 2,4,5-Trichlorophenol	13.28	196	29102	40.80	ng		91
45) 1,1'-Biphenyl	13.62	154	100811	39.96	ng		96
46) 2-Chloronaphthalene	13.66	162	75750	39.58	ng		97
47) 2-Nitroaniline	13.85	65	34383	55.44	ng	#	73
48) Acenaphthylene	14.50	152	125284	41.37	ng		96
49) Dimethylphthalate	14.23	163	104016	40.29	ng	#	98
50) 2,6-Dinitrotoluene	14.34	165	22487	42.34	ng	#	69
51) Acenaphthene	14.84	154	85306	41.30	ng		98
52) 3-Nitroaniline	14.67	138	24226	46.88	ng	#	63
53) 2,4-Dinitrophenol	14.87	184	14671	39.62	ng		90
54) Dibenzofuran	15.17	168	106978	40.89	ng		92
55) 4-Nitrophenol	14.96	139	21697	47.33	ng	#	60
56) 2,4-Dinitrotoluene	15.12	165	32779	43.04	ng	#	74
57) Fluorene	15.81	166	102112	40.11	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.38	232	23555	38.00	ng	#	96
59) Diethylphthalate	15.58	149	114928	42.24	ng		97
60) 4-Chlorophenyl-phenylether	15.80	204	52268	37.33	ng		98
61) 4-Nitroaniline	15.83	138	27170	46.17	ng	#	57
62) Azobenzene	16.10	77	119967	50.89	ng		93
64) 4,6-Dinitro-2-methylphenol	15.88	198	20983	38.99	ng		95
65) n-Nitrosodiphenylamine	16.02	169	88321	40.81	ng		94
66) 4-Bromophenyl-phenylether	16.70	248	30814	35.67	ng	#	85
67) Hexachlorobenzene	16.81	284	31224	34.27	ng	#	88
68) Atrazine	16.95	200	31194	38.90	ng		95
69) Pentachlorophenol	17.15	266	20939	34.04	ng		91
70) Phenanthrene	17.55	178	157402	39.87	ng		99
71) Anthracene	17.64	178	161391	40.60	ng		99
72) Carbazole	17.91	167	143548	41.82	ng		98
73) Di-n-butylphthalate	18.45	149	198030	43.77	ng	#	98
74) Fluoranthene	19.54	202	188916	38.15	ng		98
76) Benzidine	19.72	184	93879	45.91	ng		99
77) Pyrene	19.90	202	190580	44.28	ng		100
79) Butylbenzylphthalate	20.78	149	90599	50.44	ng		89
80) Benzo(a)anthracene	21.75	228	185480	41.47	ng		98
81) 3,3'-Dichlorobenzidine	21.67	252	70842	40.48	ng		99
82) Chrysene	21.82	228	174539	40.53	ng		97
83) Bis(2-ethylhexyl)phthalate	21.65	149	131531	47.42	ng		98
84) Di-n-octyl phthalate	22.88	149	219034	47.12	ng		99
85) Indeno(1,2,3-cd)pyrene	28.80	276	195595	37.67	ng	#	100
87) Benzo(b)fluoranthene	24.01	252	179807	40.04	ng		99
88) Benzo(k)fluoranthene	24.08	252	177312	40.06	ng		99
89) Benzo(a)pyrene	24.90	252	171378	39.76	ng		97
90) Dibenzo(a,h)anthracene	28.86	278	168088	38.68	ng		99
91) Benzo(g,h,i)perylene	29.98	276	159926	38.21	ng		95

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

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